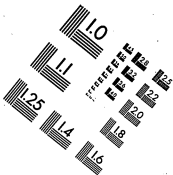
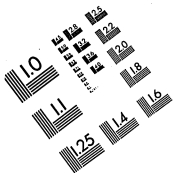


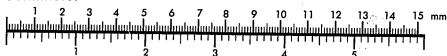


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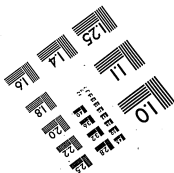
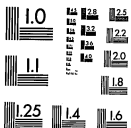
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Centimeter



Inches



Thomas A Edison Papers

A SELECTIVE MICROFILM EDITION

PART II (1879-1886)

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Frederick, Maryland
1987

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**Thomas A. Edison Papers
at
Rutgers, The State University
endorsed by
National Historical Publications and Records Commission
18 June 1981**

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THOMAS A. EDISON PAPERS
A SELECTIVE MICROFILM EDITION
PART II
(1879-1886)

REEL 85

LETTERBOOK SERIES (LBK-7)

Letterbooks, LM-014 - LM-021

Thomas A. Edison Construction Department Letterbook, LM-014

This letterbook covers the period June-September 1883. Many of the letters are by Edison. There is also correspondence by Samuel Insull. Most of Edison's correspondence is in the hand of Insull or Alfred O. Tate, acting as Edison's secretary. Included in the volume are cost estimates for central stations in Lawrence, Massachusetts and Utica, New York. Other material deals with Edison's attendance at the opening of the central station in Sunbury, Pennsylvania. There are also letters regarding the purchase of building sites for central stations, correspondence about the payment of overdue bills, and a written examination prepared by Edison for central station engineers and metermen. Among the recipients are the Ansonia Brass & Copper Company, Babcock & Wilcox, Spencer Borden, William F. Brewster, Edward H. Johnson, Frank H. McCormick, W. D. Rich, and Frank J. Sprague. The spine is labeled "1883" and is stamped "Letters No. 1. T. A. Edison Construction Department." The book contains 502 numbered pages and an index. Approximately 30 percent of the book has been filmed.

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Thos. A. Edison
Construction
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~~Lester Morris & Co~~

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Shuman Steam Plant

Laurens, N.C. Under No. 1

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| Engines One 14 1/2 x 13 Engine | 2000 |
| unpacking & setting up same | 37 |
| Insulation for one w.p. w. 1/2 sq. inch bolts & plate | 250 |
| " " 1/2 x 1/2 " " " " | 125 |
| Engines & P.M. Machines | 3000 |
| 24 Extra Brackets | 25 |
| unpacking & setting up machines | 18 |
| Boiler One - 126 H.P. 13 1/2" Boiler | 2527 |
| setting boiler including material & transportation | 483 |
| Bottom Foundation for same | 75 |
| Steam Pump | 203 |
| Inspector | 190 |
| Boiler Hearth including material | 60 |
| Boiler (4) One Set of Oil Cans | 9 |
| Eng. Room Double Oil Tank | 31 |
| Machines Minute Glass & Counter | 5 |
| Wood Bench, Vice, Scales, Tools, Wrenches, & general repairs | 30 |
| One extra pair of 11" hand fire hose | 2 |
| One " " 1/2" x 1/2" " " " " | 10 |
| Two extra pairs Hoopless Pump Bars | 60 |
| Steam connections, weights, same & exhaust pipe | 12205 |
| Testing One 300 Test Hooks | 75 |
| Regulator One 300 Test Hooks | 90 |
| Two Banks C.S. Regulators (2 and) | 200 |
| Five Feeder Switches | 75 |
| Three Dynamometer Switches | 30 |
| Iron Horse clamping Switches | 68 |
| Switches for Field Regulators | 10 |
| One Feeder Switches | 137 |
| One Feeder Switches | 11425 |

| | | |
|--------------|--|--------|
| | One Main Ampere Meter | 104 28 |
| | 20 | |
| Return | Stationery & Paper for working in Meter Room | 15 0 |
| Water | 50 Meters of 1/2" pipe, 25 ft 25 ft 5 ft 10 ft | 48 2 |
| Room | 50 Extra Assorted Bottles | 12 |
| | 50 Pairs Plate Rubber Parts | 32 |
| | Retort Stand & Funnel | 5 |
| | Shell for Water | 20 |
| | 25 lbs Sulfate Zinc 10 lbs Mercury | 13 |
| | Two by One and a half inch Test Tubes 50 | 4 |
| | Balance for Weighing Water Plates | 100 |
| | Druggist Scales & Tin Scoop | 10 |
| | One Thermometer | 2 |
| | Tank for Electrolysis 30 x 18 x 6 (unpainted) | 17 |
| | See one Gallon Bottles | 2 |
| | Two Graduate 8 litre bottles 2 1/2 and 1 1/2 | 8 |
| Improving | 250 Temporary Pictures, Lenses & Shaders | 39 4 |
| Fixtures | 200 Temporary Pictures, Lenses & Shaders | |
| Travel | 200 Temporary Pictures, Lenses & Shaders | |
| Installation | Laying cables and setting out the main wiring | 97 34 |
| | 200 Temporary Pictures, Lenses & Shaders | |
| Services | Money in Station for Money & Fares | 200 |
| | Lighting Station, 25 lights | 100 |
| | Running Expenses in connection with operation of Station, Travelling Expenses &c | 35 0 |
| | Freight - Miscellaneous | 17 5 |
| Working | Salary of Stationer (80 per day 2 days) | |
| Station | Stationer (100 per day 2 days) to reach permanent employees | 260 |
| | Supplies for month - 150 lbs waste | 12 |
| | 15 Gal of Gasoline Oil & 15 Gal Machine Oil | 29 |
| | 235 59 | |

P. E. Clarke Esq
Lawrence, Essex Co
Mass

June 11/ 3

Dear Sir:

I enclose you herewith form of agreement in duplicate (executed by Mr. Edison) for the Central Station plant at Lawrence. To it is attached our revised estimate amounting to \$ 32985⁰⁰ as against the old estimate for \$ 33568⁰⁰. You will notice I have put down a number of items on the first page of the estimate and have increased one item - that for the boiler - as the power has been increased.

I have also put in a few number of meters than was originally contemplated as after going carefully into the matter Mr. Edison thinks the original number too many. I also enclose you a statement of what we consider necessary for you to put in right away and amounting to \$ 2358⁰⁰. If this agrees with your ideas in this connection, will you please let us have the necessary

formal order and a cheque on account. I will then have the tubes made and laid immediately and order the machinery etc, which I will hold awaiting your instructions to erect it.

This of course will prevent any great delay in the work as the part which takes the longest viz. the tubes, will be finished by about the time that you will be ready for us to work in the interior of the Station.

I think that you will find the Contract covers the points that you wished put in with reference to your right to order as you direct the work done, and if we proceed on the lines laid down above I see no reason why the work should not be all finished about twenty or thirty days after you notify us that we can work in the interior of the Station.

Yours truly

Samuel Insull
Private Secretary

June 10th 3
 1
 1st Quarter

Shawnee Hotel
 St Louis

Complete taken with note
 completed with twenty
 fifth - rough estimates
 shown we can take contract
 complete system including
 building street tubes
 service, if permission
 obtained and if Richard

Shawmont still there, and
 run station thirty days
 and teach men to
 continue its running
 for hundred and ~~the~~
 twenty nine thousand
 dollars for five thousand
 eight hundred lights of
 sixteen candle capacity

latter equal to a dozen
 foot runner candle, per
 each. This does not include
 lot. The accurate estimate
 will reduce same somewhat
 considerably - A great
 many ten candle lamps
 can be used being equal
 to five foot candles

runner. Station would
 supply nine thousand ten
 candle lamps and area
 might be extended with
 small lamps -

W
 George A. Edison
 1

June 1st 3
 1000 Read

City 4th St
 Huntington Va

I have you received
 my letter yet. When
 will you be home to
 see about my situation
 for a proctor
 I shall
 be

June 18th 3
 Edw. M. M. M.
 518 536 536
 Chicago

How long you will
 last supply all material
 for Louisville and every
 other, except in your
 absence. Is this so?
 I have

I shall be

THOS. A. EDISON,
Central Station, Construction Dept.,
66 FIFTH AVENUE.

PAGE 2.

New York

To

Wm. A. R. Dumas
Mr. Dumas, Sup't.

Dear Sir:

No.

W. Patterson
and have this day forwarded to
(*Wm. Patterson*) City

my order (No.

57

) for same.

Yours truly,

THOS. A. EDISON.

Per

Wm. A. R. Dumas
and have this day forwarded to
(*Wm. Patterson*) City

Wm. A. R. Dumas
and have this day forwarded to
(*Wm. Patterson*) City

Wm. A. R. Dumas
and have this day forwarded to
(*Wm. Patterson*) City

just wing the new
 arranged to get
 holes at the same
 number at original
 price -

Test

of black
 3 in. 2

if you want comparable work
 with them from here

3 in. 2

1

to compare with the
 3 in. 2 - 3 in. 2 - 3 in. 2

20th June 8

My dear ~~Mr. D. D.~~
 30 Courtland St
 N.Y.

Dear Sir
 I will tell you please send
 a man to Chapman St.
 to superintend the erecting
 of the boiler you shipped
 there for me. We cannot
 expect to get your machine
 to shine for 3 months.
 Please let me know
 by return when your
 man will start

Yours truly
 Wm. D. D.

June 19th
 N. Y. City
 City Hotel
 New York, June
 David D. D.

June 9th
 W. F. Brewster

Southon, Hotel

St. Louis, Mo.

Estimate made, together with
 full information concerning
 same, amount over, thousands
 and fifteen thousand six
 hundred and twenty ~~five~~ five
 for five thousand five
 hundred ~~ten~~ fifteen cents

Leaves or nine thousand
 six hundred ten cents
 Leaps.

W. F. Brewster

and by

Blair & Co. 1111
Canton, Mass.

When will you find time
to answer. Mine will

not be back yet. I will
try to get it

David Smith

William Smith
Canton, Mass.
Sunday on the ground.
David Smith

July 2nd
P. O. Smith

July 3rd
 W. D. Hall

Hotel Palmer
 Brewster, Mass

7 igons, in place two
 hundred and ninety two
 horse power. You should
 be at, hunting and farming
 at present other up that
 they

H. Shoultz

to the bank
 Charlotte Hotel
 Birmingham Ala
 Bureau not yet received
 letter

July 30-
 A. H. Locke
 Charlotte, N. C.
 Birmingham, N. C.
 The Paul Bureau just received
 has indicated by you that
 expense. Set local people
 engine about number
 other 107, send Big
 price same say no price
 enable us make it
 determined.

You finish Minneapolis;
Get detailed information
Minneapolis 6-14
S. Paul

July 27th
Dear Mr. [unclear]
I have just received your letter of the 25th inst. and am
glad to hear that you are well. I am well and hope
this letter will find you the same. I am not (and)

July 7th

H. F. Gougeon

City Hotel, Lombard
Penn.

Will be immediately
whether Edison will be
here tomorrow morning
I will

July 7th

Thomas A. Edison

City Hotel

Lombard, Penna.
You must hurry up Channing
people. Unless something
is done by which we can
get second payment from
them quickly it will cause
great inconvenience

Travels

G. W. Miller
 Bowser House
 Hartford Conn.
 Mine G. S. Bancroft, Business
 House, Pittsfield when ~~you~~
 you will arrive there. All the same
 to me. You must write
 oftener, keep no notes about
 progress.
 Saul Smully

G. H. Coote
 Miller House
 Minneapolis, Minn.
 been for several dollars
 mailed to me
 Saul Smully

July 9th
J. Q. Adams

City Hotel

Dear Mr. Adams
I cannot write for my light
now. I cannot see you
twice light instead. But
cost the same. If I send
fifty my light to your
house then will be shown
over heads. One character
is a word. Cannot

Understand why Huntington
does not go ahead with
Haworth's writing. I
cannot complain, but
cannot complain until our
work is done. Cannot you
show Huntington, Deane
and others. Then will you
be good. I will be good.

July 9th
 T. A. Baird

Big Wet
 Brunswick, Ga.

Mr. Baird, Good morning
 I have, William Pitt
 Moore not here. He was
 out of the house
 and of the house
 got. I have
 written a report
 and indicate not correct.
 I do not understand what
 they want and I do not

Company cannot tell.
 I have

David Brown

10th July 3
 Mrs F. Clark

My dear Mrs F. Clark
 Second contribution
 determination of the
 and names are as
 small and red
 number eight are
 are good and they
 will carry current
 & have to send off
 estimate this afternoon

without fail but
 and of the contents
 to small amount
 immediately
 cannot show

Spd 20
July 10/5

July 107

Thos. A. Edison

City/State

Amberley R.

Amherst could be

on Sunday Early

brother, Walter

Hand

KG

のうきふく

10th July 8

Thomas A. Edison

City Hotel Newburg

Cannot you send within the
 map marked in red by
 freight mail for
 determination.

In full

—
 sent

P. B. Shaw Esq
State Manager

10th July 8

Edison Central Station System
Williamstown Pa.

Dear Sir

I enclose you herewith estimate for the erection of Central Station System at Williamstown Pa amounting to \$12767⁰⁰. I also enclose you copy of Blue Print of Central Station and of the System of Conductors together with forms of Agreement to be executed by the Edison Electric Illuminating Co of Williamstown and the Edison in case of the estimate being accepted.

In the map of the System of Conductors you will notice that the lines are not carried through the main streets but in back streets. The Consumers will be mostly connected from the back of the houses. This is necessary owing

To the Dees

You will probably think this estimate high; but you must remember that the cost per lamp increases greatly as the size of the plant decreases as there are so many changes which are about the same in all cases.

I had this estimate all ready to go yesterday but I was unable to finish it as I had to consult Mr. Clarke the Engineer of the Light Co. on some electrical questions in connection with it & I was not able to see him until today.

Yours very truly

Saml Insull

Private Secretary

Amos Brown Esq

Dear Sir,

12th Aug 3

I received your letter with map of New-
 outh Wales marked
 thereon, and you have
 have, too, with the map
 of New South Wales
 particular point on,
 as the land station
 most would be from
 the land marked in the
 to the west side, on a day
 of coast of Port Phillip
 is not so cheap. The fishing
 a large number of
 allows to be made in
 altogether and of the
 land proposed to be
 left as before, not at all
 need to be concerned with
 the as before the letter (any)

which place as the British
 engine & building works
 in all probability will
 be used for the

Place as we have
 information at the
 official records state
 as the localities of the
 station cannot be made
 till we get it

Yours truly,

David White

Spencer Brown Esq

Dear Sir

12th July 3

I enclose you ten-
with that if you would
with and time made
thirteen, and you shall
have ten with the other
of price ungratified and
particulars but only
as the contract stands
now - and without
the same marked in red
to be used both on a large
sheet of paper and when
it is not so cheap. The printing
is done by Mr. Brownell
and the paper is
of the purpose of the
English edition we want
to send to you and the
the same by the same way

such place as the British
engine & building would
in all probability be
used by us

Please let us have
information at the
editorial Society state
as the technical details
action cannot be made
till we get it

Yours truly

David Brown

22 June 8

Prince George by
Mail Route
British

Dear Sir

I am to see

you here and to see

how many more

will be able to

put in with the

in your district

your truly

A. J. Evans

Prince George
British

12th July 3

Friend Tom

As you expect to
 me by relation with the
 exact names of engines
 & type your hand supplied
 the Harbord Company
 (all over the world) with
 want this information
 for the General Manager
 of our Colonial Co who
 whether the date for use
 in speaking of the
 magnitude of our business
 you must not fail
 on those 18 x 18 engines
 in London. It will be
 a terrible inconvenience
 if the engines are used
 on ship next. You must
 see counter-essays to get
 them the weight & not
 it any thing else you
 have
 Yours
 Fred

12th July 3

A. R. Johnson Esq

W. R. N.Y.

Dear Sir,

I enclose map which
 you sent to me as copy. Mr
 Edwin has drawn a red line
 round the territory in which
 the Central Station could
 be located. Will you please look
 up some talk & advise me
 Edwin of any you may
 find within the area marked
 on giving to the place named
 by the place. Also know
 you are pieces of 100
 80 x 64 & 64 x 64 mentioned
 in papers of 5th July
 to Mr Hastings.

Mr Edwin is here
 in town again & we
 will speak for ourselves
 as much as possible
 for the time being.
 Yours &c
 Fred

July 1st 3

Miss Chapman &
Mrs. Chapman
Leeds

Dear Sirs:

Referring to your
note of the 24th inst
asking for 5000 copies
more, I regret to say
that we have none
here.

You look in Am.
-mission with regard
to the number we
transmitted. Can you
not use a piece of
transmission?

Yours truly

Wm. A. Linn
C. W. Linn

July 1st
Major A. Linn
Am. Linn, High St. St.

Enclosed is here found
Linn's note waiting to see
you. Answer.
Wm. A. Linn

July 3/3

Wm. R. Rich
 Dulwich House
 Grosvenor
 Place

Dear Mr. Rich -
 I thank you for the
 information & it is
 not bad. It is
 very important to find
 this out. Good night
 at once

2, 25

July 18thR. D. Johnson
Acton New York

Lot one is next door
Have written
Edison,

July 18th

Thomas P. Conant
City Hotel
Sunderburg, Penna

Your meterman is to
put in meters.
We mean to leave wires
in proper position so
meters can be easily
connected,
Edison,

Henry H. Clarke Esq. July 20th 3
 N. 5 High Buildg
 Baltimore Md

Dear Sir: Referring to your favor
 of the 2nd inst: on the 26th of July we
 wrote to you that we should
 require Lot 6 or 25 on Gt St. East
 for the Central Station there.
 Up to this writing we have heard
 nothing further from you on the
 subject.

We cannot do anything with
 this estimate until we get this
 information from you.

Yours truly

Samuel Insull
 Private Secy

E. H. Johnson Esq
 Galt House
 Louisville Ky

July 30/3

My Dear Johnson We have today
 ordered Doubleday to Louisville to
 report to you at the Galt House.

As he has to go from
 Shunkers I presume he
 will not get to you before
 Wednesday -

Yours very truly

Samuel Insull

P. B. Shaw by
 Williamsport
 Pa.

30th July 8

My Dear Sir

I have just seen a cutting
 from the Sunbury Daily of July
 25th reflecting on the Evening
 Dept. in a manner which does
 not appear to me as warranted
 by the facts. I have to draw
 your attention to the matter
 in Mr. Edisons successful paper.
 His City feeling avers that if
 he were here he would write
 you about it.

1st It brings the Eastern Editor
 right lay into dispute & they
 have nothing to do with the
 Evening Dept. except at Sunbury.
 2nd It states the prices charged

are exorbitant. whereas the trouble is not with the prices charged but with the fact that the material is too expensive for the pockets of ordinary people which means that a cheaper system must be devised.

4th The resolutions state the work now on foot is done wisely and in fact it points to a quite entirely different conclusion.

5th Such matters being brought into the Public Press must ~~not~~ ^{not} damage our business throughout the nation.

6th Such a publication is hardly an incentive to our people here to get up a Cheap Edition & much necessarily is the. Hargman & Co who are the editors

constant effort, since our return
from Leichberg, has been to
get them to select cheaper
methods to produce such matter
as we have to use of theirs
in evening.

I think you should take
immediate steps to put this
matter right as if the Leichberg
Directors were at all acquainted
with the business they were
concerned they never could
have passed such resolutions
or have caused their publication.
Thus cast reflections on a
Dept of Heugmann & Co which
in other Sections is doing every
of a similar character upon
which no such reflections
are cast from Leichberg.

Wm. D. Hall

W. S. Andrews Esq
Cincinnati
Pa

20th July 7

My Dear Sir

Confirming my letter to
you of this date I beg to state
that I am very anxious that
all material asked for should
be sent back by freight to Thos
A. Edison Esq. 292
Avenue B New York as quickly
as possible. I also want
the hand copper with ^{all necessary} ~~the~~
fittings valves & which Mr
Rich had put in a package
sent back to the same address
as early as you possibly can
Please get these things done
as quickly as you possibly can

In returning the ~~the~~ Twelve Eyes
 meters you should be careful
 to see that all parts: bottles, zincs
 & rubbers (parts) belonging to them
 are also returned.

Please write me saying
 how the Shamokin Plant &
 Central Station. Pole lines &c;
 is progressing as I see by a
 Telegram from you dated
 Shamokin, that you must
 have been there.

To day Mr. Carson telegraphed
 Doubleday to draw on him
 for \$5000 to go to Conoverell
 & report to Mr. Johnson at
 the Galt House there. If Doubleday
 has not started please see
 that he does so on receipt.

of this.

Why does Conant not write to us. We do not know what he is doing. How many meters of each kind has he in? When was the first meter put in? Are all consumers connected working with a meter? If not why not?

That paragraph in the Larchmont daily was scandalous. The wiring was expensive but a local man could not do it cheaper. The trouble is we want a Cheaper System of wiring. This is being got up. Conant has started out by getting up a Cheaper Picture which Manning has taken with him tonight which I think you will like when you see it.

If you can assist Hannington
in any way, please do so. He
will be at Shamokin tomorrow
Tuesday. He will be at Lehigh
about the end of the week.

If the Lehigh people want
you to commit yourself on
the inside winning ~~do not do so~~
I do not let any of our people
say anything against it to any
of the local people

Very truly yours

Saml. Insull

30th July 3

Dear Harrington,

I forgot to speak to you today about a new Hotel at Lumbury which Mr H. M. McCormick, the President of the Lumbury Company wrote us about. They want it would immediately. I think you had better communicate with Mr McCormick (whose address is Williamsport Pa) about the matter. What the Lumbury Co will do about it I do not know. Since they have passed a resolution about not allowing the Lumber Dept to do the work. This resolution was published in the Lumbury Daily of July 25th & is to my mind a most scandalous thing on the Lumber Dept. If I were you I should communicate with McCormick

for allowing such a thing
to be published. I fancy those
local people must be using your
material at Lumbury, you want
to look into this & remove your
material so I am going to close
up all Lumbury matters as quickly
as possible & after sundown
because these your materials will
be at the mercy of the local
people.

Don't forget to get an exact
record of time lost ^{by delay}
in getting poles up ^{at Lumbury} & all such
troubles running your men up
so that we can make a good
showing you the wiring dept
on this job.

I want the bare wire
chopped back that remains
over at Lumbury & if this has

not been done when you get
there (I have written instructions about
it) please see it is done right
away.

If you are tied down at
Champlin you might get
instructions to him over to see you
if you want to consult him
even if there is a telephone
line through to Lumbury get
him on the telephone. I think
there is a line between the
Exchanges in the two towns.

Get me hear all about the
state of the work at Champlin
including the Central Station

Yours sincerely

Paul Smith

July 31st 3

Wm. A. McCormick Esq
 President, Edison Elec Mfg Co
 of Dunbury Penna.

Dear Sir:

I beg to enclose your herewith
 statement of account for the installation
 of a Central Station Plant at Dunbury
 amounting to \$1988.⁰⁰

This installation has been made in
 accordance with the agreement between
 your Company and myself, dated the
 eighth day of May, and I shall be
 glad if you will please send me
 by return mail cheque for \$598.⁰⁰
 being one half of the total cost

~~22.7.1901~~

cost of the plant and which payment was due when the installation was in condition to supply light.

Referring to the item on the A/c for Engines and dynamos I beg to state that the dynamos installed at Sunbury are what is known as our old L machines as explained to your Mr Shaw at the time the contract was made with me.

These machines were installed subject to my right to substitute for them new and improved machines which are now being designed.

These new machines will have

3rd
Feb

have
the same capacity as the L but
were it my intention to leave the
L dynamos permanently at Lunenburg
I should be compelled to charge
from four to five hundred dollars
more for the two machines. I have
however put them in at the same price
with a new pair of machine which will
replace them as soon as we have
built some -

In addition to the items specified
in the enclosed account it will be
necessary for your Company to purchase
three 3 pressure indicators and
five 5 horse Changing Switches

"The"

Switches
the cost of which will not exceed
1000 \$; there are now being made
and will be sent to Dunbury
as soon as ready and billed to
your Co. in addition to the
O/c now enclosed.

As this plant has been installed
at prices which allow of no profit whatever
to myself I shall be glad if you
will comply with my request and send
me cheque for the amount due by return.

I will let you know in the course of a
day or so when I shall be prepared
to hand the plant over to your representatives
and when the remaining balance on the enclosed
O/c will be due.

A. A. Johnson Esq
 New York
 N. Y.

1 Aug 8

Dear Sir,

I received your favor of
 the 1st inst & note that you have
 at last bought a lot for Central
 Station. We shall now be enabled
 to get out the estimate in the
 course of a few days as there
 can be no cause for further
 delay.

Yours truly

Thos. A. Edison

, Aug 3

Geo to Arthur Esq
Worcesters
Mass

Dear Sir

North Adams Census, your data as given will not enable us to estimate the number of lights in the following places. Can you give us further data:—

Block 2 State Street N. W. Side at Main, Hotel next to a warehouse, Grocers & also a Hotel just beyond marble works.

Hotel S. E. Side State Street near Summer

Wilson House Main Street near Holden.

Thus you will see there are four hotels we want information on.

Does the Eagle Mill use much light at night & does any other mills at N. A. do so

Yours truly,

Samuel

19 Aug 8

Spencer Borden Esq
 Manager N. B. Dept
 C. C. & Co

Dear Sir

Your favor of 30th ult. is duly to hand & I note your request that tickets & brochures be ~~not~~ canvassed after the towns you have already named.

I have written Mr. Road concerning the work these whips will go on in due course

Yours truly

Thos. A. Hanson

1 Aug 8

W. S. Andrews Esq
City Hotel
Cumbury, Pa

Dear Sir, we are surprised to learn from outside sources that Doubleday has had charge of the wiring at Cumbury. How was this? Mr. Doubleday is in Mr. Edison's employ & yet he takes hold of work at the instance of the Cumbury Co's Directors at a time when Mr. Edison is expending himself very strongly to those Directors for the course they have taken in connection with the wiring. Under such circumstances it seems very strange that one of our own people should take charge of the wiring there. whose material was used for the wiring done by Mr. Doubleday? Who authorized Mr. Doubleday to take charge of the wiring & who paid him for his time occupied whilst attending to this work. If you can answer these questions you will greatly oblige me

Enclose you herewith check
for \$50.00 to cover expenses

I desire to know the exact
date each meter was put in
the number of lights each consumer
has and if any consumers are
without meters & if so who & why.
Conant does not give us any
information except of a very
general character & yet what
we require from both you
& Conant is detailed information.

We do not know how many
lights are connected; nor how
many meters of each kind are
used; nor how many customers
are being wired for connection;
&c &c

That man who wants \$67⁷⁵
must wait till we get paid by the
Lumber Co. Get him good.

Yours truly
Samuel D. Smith

1 Aug 8

Thos. P. Conant Esq
City Hotel
Sumbury

Dear Sir

Your favor of 29th inst.
came duly to hand. I enclose
you check for \$25.00 on account
of your expenses.

Note what you say
about Sulphate of Zinc & mercury.

I have ordered fuel Sulphate
of Zinc to be forwarded to you.

I have written to Mr. Andrews
as to what information I desire
from you regularly. You must
remember that we desire to get
from you every detail as to your
work & I hardly think we ought
to be required to keep pressing for
such information.

Yours truly

Saml Smith

Frank W. Ginnick
Hallowell, Me.

As we are not meeting
company toward meeting company
after at dancing or Hallowell
to with opportunity you can
get in meeting for that evening
and give the
Hallowell

W. G.
-6.
Hallowell

Aug 24 3
W. P. Huntington
Essex Street, 24th Room
Essex, Hallowell, Me.

Have now little to handle
ship back everything at
dancing as order
Bergman as well as

W. G.
-6.
Hallowell

My dear
 Mr. J. M. W. T. S.

I am very sorry
 to hear of your
 illness.

I hope you
 will be able to
 return to your
 duties.

I am very sorry to hear
 of your illness.

I hope you will be able to
 return to your duties.

Yours
 truly
 J. M. W. T. S.

Aug 2nd

Mr. F. Moore
Edwards & Co's
Louisville Edition
Louisville Ky.

After let Richard Apple
run into through building
providing with first class you
Hisco and that they will not
just agree on the other symon
of use any sample as: smooth
with

Edwards.

7th Aug 8

Geo W Lullbur

Waldo Hauke

Worcester, Mass

Dear Sir,

I beg to give you below list
of towns you are to canvass in
the order in which they are
named.

| | |
|---------------|--|
| Natick Mass | } all in the Permitting of Spencer Borden. |
| Palmers " | |
| Spencer " | |
| Northfield " | |
| Westborough " | |
| Webster " | |
| Southbridge " | |

If you have any knowledge
of these towns you might write
to Mr Borden giving him some idea
of the probable dates that
we will be at each town

Yours truly
Samuel C. Webb

Aug 4th 3

W. L. Andrews Esq.,
 Centy Hotel
 Sunbury Pa

Dear Sir:

I send you copies of Examiner papers I propose to use in hiring our Central Station men -

Please number each question, and answer them very fully on other sheets giving as many answers as you can to each question and return both to me at once -

I am sending these to several of the boys to get a variety of answers -

Sincerely
 J. A. Linton

Aug 4th 3

Thos. P. Conant Esq
City Hotel

Dear Sir,

I send you a list of meter questions which I propose to use in final examination of meter men taught by you. Please number the questions and on other sheets of paper place the answers also numbered, and return to me.

I have sent copies of this to several of the other teachers to get as many answers to each question as possible.

Yours truly

J. H. Sullivan

Aug 6 '3

Wash D.C.

52 132 Michael St

Chicago

Book has instructions
to Cannon's Men
when through at
Rome

Edison
8

Aug 6 '3

David Howell

City Hall

Sanburg's

Cannon's telephone

as follows:-

"Please send by message

this morning mail

maker too late:-

What does it mean

late

Aug 6 3
Bogman & Co
377 Con St

Letter 62 from America
Jan 23. Thursday
St. Louis Mo.

My dear
 Aunt
 54 West Front St
 Cincinnati, O.
 Want to await the
 determination of
 Middleton -
 Think it better than
 Hamilton -
 Yours
 Chas

Dear Mr. Powell,
 The letter of the 11th of
 Oct. has been received.
 Yours truly,
 Wm. Lloyd Garrison

吳昌碩書

Aug 6/ 3

W. H. Andrews Esq.
City Hotel
Simsbury Pa

Dear Sir:

Don't forget that a man may
have fifty lights - that is, wired for
fifty lights and yet he may never
by any possible chance have more
than thirty burning hence you
must always ascertain these
chances and make the service
for this and not the whole fifty-

Yours truly
J. A. Edison

Aug 6th 3

Chas. R. Flint Esq
 10 Coal Sherman
 City

Dear Sir:

I regret to say
 that I have an engagement
 tomorrow morning -

How would Tuesday Evening
 or Wednesday morning answer?

Yours truly

Thomas A. Edison.

Geo. H. Bliss Esq
57th & 53rd La Salle Ave
Chicago Ill

Aug 6/3

Dear Sir:

I am in receipt of your
several favors of 3rd & 4th inst.

I am obliged to you for the information
in reference to coal at Iowa City
and note your remarks in reference
to water power.

In regard to Mr G. E. Morris
I shall be pleased to see him
and hear what he has to say in
reference to his underground
induit system.

I have instructed Mr Cooke,

my Carwasser, to go to Mendota
Ill., and see Myers Curtis
& Kude as soon as he is through
at Racine, which will be
tomorrow evening. (7th).

Yours truly,
John A. Thiers

S. Bergmann Esq
292 Ave. B
City

Aug 6th 3

Dear Sir:

I am just in receipt of a
telegram from the South from Memphis
Tn: in which he requests me to tell
you that he gave Johnson one hundred
dollars for his pay roll.

He also says that plug switches
for truck lamps must be larger.

Yours truly

Aug 6/3

Home Depot, Wailes
 30 Collard St
 City

Dear Sirs:

Will you kindly send
 me at your earliest convenience
 blue prints of two 120 HP
 boilers set in one battery
 & oblige

Yours truly
 J. W. A. Charn
 J.

Aug 7th 3

A. Stewart Esq
54 West Front St
Cincinnati, Ohio

Dear Sir:

I beg to enclose you herewith
blue print of Middleton and shall be
glad if you will let me know as soon
as possible what lots can be obtained
within the red circle.

We want about 25' x 100' for a
Central Station and cannot figure
clearly on our Central Station or
the size of the Conductors until
we know where the lot will be
located. The best way will

#2
A.S

will
be for you to get us a number
of lots with prices and size of
each and then we can choose the
one which is the best adapted
for our business owing to its
position &c. We do not want
property on a front street; we
want the cheapest property that
can be obtained within the area
mentioned.

I shall hope to telegraph
you, before you receive this, a
rough estimate of the cost of
putting a station in at Middleton.
Hamilton would be one of

#3
A.S.

of the most expensive stations
that could be put in for its
size owing to the build of the
town and for this reason I
have delayed action with relation
to it in order to see whether
Middletown would not be
much more preferable than
Hamilton - which it undoubtedly
is.

Yours truly

J. M. Smith

1st Aug 8
 Frank H McCormick Esq
 President

Eaton Electric M Co of London

Dear Sir

I have talked with Mr
 Eaton as promised about
 your wiring business at Lumbury
 more especially with relation
 to the wiring of the Hotel now
 building there we find that
 it is impossible for Bergmann
 & Co. having Dept to send a
 man to Lumbury to wire the
 Hotel at a less sum than \$974
 for the 97 lights. I do not mean to
 state that it is impossible for
 the work to be done at a less
 figure but simply that B & Co will
 not make a firm bid to do the
 work for less taking into account

the wish they were in making a
firm bid &c.

With reference to providing
you with a man to teach some
local man how to do the work
Mr Edison has arranged with
Reymann & Co to supply you
with a competent man for this
purpose (if you so desire) for
a period of thirty days at
\$25 per day & the mans Guarding
expenses (R. R. fares & incidentals) in
addition. This amount ^{per day} would
cover the mans wages and board
while in Lunenburg, he could take
full charge of your ~~working~~ ^{mining}
break in the local man & the
work the ~~man~~ ^{man} & qualify him to take
charge of the ^{local} ~~man~~ ^{man} ~~man~~ ^{man} leaves.
The Greenfield Mr General manager
of the Mining Dept informs me

That the best man you could
 choose for your line work
 would be a Carpenter who is
 used to jobbing work. He would
 have the necessary mechanical
 skill & ^{Mr. Co's} man would impart to
 him ~~that~~ little Electrical knowledge
 as is necessary. Bergmann & Co's
 man would also give the Engineer
 who is to have charge of your
 Station a general insight into the
 wiring business so that he could
 control the prices of the local men
 who would do the work & see that
 your customers are treated fairly.

Mr. Carson is still very positive
 in his belief that your company
 would make a great mistake to
 take the wiring in their own
 hands for reasons stated to you
 by me last night. But by following
 the course suggested above you

4/ would get your wiring done & the consumers would be responsible to an outside man for their wiring bill. That man would be no charge to you as he would take the wiring work simply as part of his other business. You could control his prices as your Engineer would be familiar with the work & so know what profit he would make. Each tender he makes should be vouched for as correct by your Engineer & this should be understood with your customers.

As to the material to be used Bruggmann & Co would sell it to your company at the same price they charge our companies here i.e. their catalogue prices reduced to a discount of 25%. Then you could sell this material to your wireman at the same price or if

you desire to at say 20% discount
 & keep 5% for yourselves to cover
 any expense you may be put to
 by your Engineer ~~keep~~ giving a
 small part of his time to the
 work.

As to the wire you will use
 as you will want to purchase
 it in small quantities & could
 not consequently get it at such
 good prices as our people can.
 I think we could arrange for
 you to get it from Borgmunn & Co
 at regular prices in consideration
 of your purchasing from them
 other necessary materials. This
 would insure your getting the
 right quality wire at exactly the
 same prices as if you bought in
 large quantities.

I have nothing further to
 report to you as to cheapening our
 system of working but I am assured

god that every thing is being
done to attain this desirable
result.

If you decide to adopt
the course I have mapped out
Mr. Lamon would be glad if, before
closing with a local man, you
would consult Mr. Andrews
as to the man's suitability, for
he would & also consult the
man to be sent by Baumgardner
as to the matter.

Hoping this may help you
out of one of your troubles &
assuring you that we shall at
all times be only too happy to
render you assistance

I remain

Very truly yours

Sam'l Ingersoll
I have sent copy of this to Mr. Lamon

9th Aug 9

John Kuncie
 Treasurer
 Electric Tube Co

Dear Sir,

wherever we put an ~~Energy~~
 System in we ought to provide
 the necessary tools to enable the
 local company to make the
 necessary repairs & additions
 to their System.

would you please let
 me have a list of such tools
 as you think would answer
 the case together with the
 cost price of same

Yours truly

Samuel Smith

Aug 7th 3

A. B. Johnson Esq
 Utica
 N.Y.

My Dear Sir:

Mr. Insell informs me that he
 promised to send you the Utica estimate by
 yesterday's mail. It was ready to go but the
 estimate amounted to about \$75,000 and I
 purposely kept it back in order to try to reduce
 this amount. To do this a great deal of figuring
 is required in connection with the new organ main.
 This work is not quite finished but I think
 we shall get through tomorrow when I shall
 telegraph you the exact amount of the estimate
 and mail you the details
 I am truly

Yours A. Edison

Augst 3

W D Krich Esq.,
 Hotel Palmer
 Brackton Mass

Dear Sir:

I want to order the ^{steam} ~~steam~~
 piping for Lawrence Central Station
 and in order to do this it is necessary
 that I should know exactly how
 the Engine and boiler which are
 already at Lawrence are placed.

I send you a plan of the Station
 and shall be glad to know if
 the Engine and boiler are as re-
 presented in this plan and also
 if there is any steam or exhaust
 piping already there which can

be utilized by us.

If this plan does not show
Everything properly you might
send me a rough sketch of
the interior of the station as
it now stands -

Yours truly

Samuel

Fate

August 3

W. D. Rich, Esq.
 Brockton, Mass

Dear Sir:

I was at Shamokin, Pa. Monday, and Mr Marshall promised me faithfully that the building would be roofed in and floor down by Monday next so that if you are there on that date your work can be proceeded with. Notwithstanding his absolute promises, if I were you I would wait further advice as to the thing.

I think the best way would be for me to let Andrews to run over from Scrubury to Shamokin to see if every thing is in shape on Monday next.

I will have him telegraph you and will then wire you. How does this look to you?

Very Truly Yours
 Samuel Smith

Aug of '3

W. D. Rich Esq
 Brockton
 Mass

Dear Sir:

In the equipment of
 Brockton Central Station it is
 necessary that you should furnish
 a wash tank for workmen as
 we agreed to do this in our contract.
 The cost however must not exceed
 \$10⁰⁰ -

Yours truly
 Samuel Insull

Personal

Aug 8 / 3

Spencer Gordon Esq
 Herald Building
Boston, Mass

My Dear Sir:

I find that the information
 we have in reference to Mascum plants -
 and of which I believe you have a
 copy - is doing us so much good
 that I consider it very desirable
 to prepare an appendix.

In order to do this I should like
 you to get an officer of one of the
 numerous mills in your vicinity
 to write on their official paper
 to a number of the patrons
 of the United States Col.

asking information about the plant,
whether it is satisfactory or, which
letter you could prepare yourself.

I am sending you with this
a Catalogue of the States State
Company and have marked in
pencil the firms I should like
written to - When answers are
received you could forward them
to me and I have no doubt they
will contain information very valuable
to us -

Kindly let me know if you can do this
Sincerely
Thos. R. Edison

Aug 9th 8

W. S. Andrews Esq
 City Hotel
 Sunking

Dear Sir: I notice, from the coal bill sent with your letter of yesterday, that from July 2nd to 28th you have consumed at Sunking twelve (12) tons of coal.

You will calculate the amount per horsepower I think you will agree with me that this is an enormous quantity of coal to have been used in that time. I imagine somebody must cart it away at night or else you have terribly bad firing - please give me some theory & figures

Yours truly

Thomas Edison

38 hair 81

Aug 9/ 3

W. A. Andrews, City Hall
-Chambers Pass.

We cannot order any more
material for chimney as our
accounts are closed and
bill rendered. You must
communicate with Mr. Mass
in Chicago, or any other material
you require. Don't order any
thing more now account
closed.

Wm. L. Russell

W. A. Andrews
City Hall
Chambers Pass.

Estimate for the Erection of Edison Electric 336

Central Station Plant

at

Utica N.Y.

3200 lamps of Ten Candle Power Each

Boilers

One pair of 126 Horsepower Babcock and Wilcox Boilers
set in our battery: Setting two 126 HP boilers
including materials: Bottom Foundation for
Two 146 H.P. Boilers: Boiler Headers for two 126
Horsepower boilers: One No 3 Boiler Feed Pump:
Foundation for Feed Pump: Two No 5 Lifting
Hydrants: One No 32 - 144 Feed Water Electric Turbine
for heater: Stack for two 126 H.P. boilers:
Foundation for same: Hoisting and guying
same.

10137

Engines &
Dynamoes

Two 14 1/2 x 13 Lawrence Engines with 65 turning pulley
One 8 1/2 x 10 Lawrence Engine with 25 turning pulley
Unpacking and setting up same: Two
Foundations for 14 1/2 x 13 Engines: Foundation
for 8 1/2 x 10 Engine: Two Foundations for 12 1/2 x 13
Engines: Foundation for 8 1/2 x 10 Engine: Foundation
bolts and pipes for 8 1/2 x 10 Engine: Foundation
bolts and pipes for two 12 1/2 x 13 Engines: Five
500 light (10 Candles each) Dynamoes: 24
Extra bunches: ⁽⁵⁾ 24 sets for 500 light dynamoes
including splicing: Unpacking and
setting up five machines -

15172

all work done as shown

25, 309

Brot And

Water Engine } One Water Wheel Pump for 250 lbs of water
 Two Shafts: Water Saddle: Water piping
 to Canal: Water piping from Water Saddle
 to boiler, Reiter and Engine Room and to
 bearings: Two Sets of oil Bars and traps:
 Double Oil Cabinet: Double Glass and double
 Seal Speed Indicator: One 2 1/2" Valve: Six Taps:
 Two branches: One Reamer and Hand Hammer:
 Two Cold Chisels: Two Snaps: Two Sawblades
 One pair 1 1/2" x 13 Round pin bolts: One pair
 8/16 x 10 Round pin bolts: Two pairs extra
 bolts for 100 Light Squares: Steam Connection
 from Boilers to Engine, Pump and two
 Injectors: Exhaust piping from Engine and
 boiler and from Pump to Main Exhaust Pipe
 and covering for Steam Pipes

Water Engine } One Bank of two 2 1/2" valves: One 2 1/2" valve
 and 1/2" valve: One 1/2" valve for same: Two sets of
 regulators for two machines (the other):
 Two 1/2" Feeders: One 1/2" valve drill
 for changing Orbits: Ten 1/2" long-
 ring bolts: Eight Feeders in-
 creasers: One Main Balancing
 Springs Indicator: One 1/2" valve
 for Fuel

1256
 29359
 Covered Forward

Great Forward

3388

Thirty Beta Thirty Meters for 34 lights: Thirty for
 Another light: Ten for twenty four lights:
 Two for fifty lights: Two for one hundred
 lights: Fifty extra accounts to the
 Fifty extra plates and rubber attachments
 One Retort stand and funnel: Still for
 distilling water, capacity two gallons:
 Two Spectrometers: One Regor Test Tubes
 accounted: Balance for weighing Beta
 plates with set of weights: Druggist
 scale with Tin Snop: One Thermometer:
 One insulated desk for Beta plates and at
 three one-gallon bottles: One two-gallon & one
 bottle: One scaling tool and two scales:
 10 lbs Sulphate zinc: 10 lbs distilled
 potassium: 8 of marine blue: supply of
 chemicals and one henbox for distilled
 water.

756

Temporary 200 Temporary fixtures with shades and
 fixtures Shades: 100 joints for insulating
 Chandeliers.

750

Building for Building Outlines office, Radio Room,
 Radio Station, Regor Room, Regulator Room, Regor
 Room, Meter Room and necessary
 fittings.

Conrad Forward

3391

35263

20th Aug 8A. B. Johnson Esq
SecretaryEdison Electric Illuminating Co
Utica N. Y.

Dear Sir,

I enclose you herewith
estimate for the erection of
a Central Station Plant at
Utica amounting to \$72886⁰⁰
I also enclose you herewith
Blue Print on which is marked
in red lines where the Street
Mains will run.

This estimate includes not
only the equipment of the Central
Station & the Street Mains and
Poles but also enough Service
Piping to make connection between
the Mains & Houses of fifty
Consumers. and further all
expenses in connection with

running the Central Station for
 a period of thirty days after
 the Station is started including
 all supplies, and wages of permanent
 employees and experts to teach
 those employees, so that if you
 decide to give me the Contract
 your Station will be run for
 you thirty days & you will be
 insured employees capable of
 running it after our men
 leave owing to the instruction
 given by my experts.

This estimate does not cover
 the wiring of Houses but it does
 cover the expenses of an Expert
 who will teach a local man
 to do the work. The exact method
 of dealing with this work will
 be explained to you by myself.

the next time I see you

Before signing a Contract with
your Company for the performance
^{of the work} I should require to be satisfied
that money, sufficient, to ~~cover~~
meet payments due me under
the Contract, is in the Treasury
of your Company, or else the
personal guarantee of three
members of your Company
acceptable to myself in order to
insure me against loss in as
much as the material involved,
& which I will be obliged to carry
for a considerable time, well
amount to a very large sum.
If your Company does not close
a contract with me within a
period of thirty days from this
date the enclosed estimate must

be considered as withdrawn.

I think the justification for the delay in forwarding you an estimate is in the fact that I have been able by going over the whole matter in a most exhaustive manner to reduce the estimate about \$11,000.

The day you saw Mr. Insell we effected a reduction of \$8,000 bringing the estimate down to about \$70,000 the amount I advised you of. Since I wrote you we have managed to effect a further reduction of about \$3,000. These reductions have been made mainly by a rearrangement of the underground system so that you see the delay since the position of the lot was determined on has been solely in the interests of your company.

Yours truly
 Thomas Edison

10th Aug 7

A. B. Johnson Esq
Edison Electric Ill Co
Utica N. Y.

Dear Sir,

In my letter of even date
I find that I have omitted to
state that in case your Company
close a contract with me I shall
require twenty five per cent
(25%) of the amount of the Contract
on the signing of the agreement
fifty per cent (50%) when the
Installation is ready to supply
light and twenty five per cent
when the Installation has been
ready to supply light thirty
days yours truly
J. A. Johnson

10th Aug 3

D. S. Mackay

Delaware House

Albany

Estimates made of

by the several

Total Twenty two

hundred thirty

Samuel Sewall

10th Aug 3

A. B. Johnson

Utica N. Y.

Estimates made of

Total Twenty two

hundred eight

hundred thirty

dollars

Phos. A. Davis

10th Aug 3
 G. H. Davis

~~Wilmington~~

Whom shall supply
 to for information
 about ~~Robertson~~
 and ~~Belmonte~~
 Central Station via
 Mrs. A. Davis

10th Aug 3
 A. Davis

5th and 6th
 Cincinnati

Many toasters
 invitation Central
 Station for
 Mrs. A. Davis

10th Aug 9

P. B. Shaw Esq

State Manager

Canon Central Station System

Dear Sir,

I send you by this mail
Blue Print of Lockhaven with
red pencil circles within which
it is desirable the Central
Station should be located. Please
give me a list of lots with sizes
prices & other particulars & mark
lots on map & return same to
me at your early convenience
with all data required.

You now have maps of
Belleville, Lockhaven, & Reno
in each of which towns I want
information as to location of
Central Station lots. You have
also estimate of ~~Reno~~ waterworks
& there is the Danville estimate

about which I sent you notice
 of withdrawal
 will any of these towns
 have contracts closed before
 frost comes

Yours truly
 J. M. Smith

Our capacity for clearing is immense

27 Aug 1917
Aug 12/3

W.D. Rich
Noted Palmer
Drocks has done

Andrews telephone is from
from Hamilton -
Buller says that the
roof is to be under
tight. Again over
the station, but
one in to
over. Should be

Dear
Cin
at
the
you
\$50

18th Aug 8W. J. Jones Esq
Manager

Edison Electric L Co of Boston

Dear Sir,

we have not yet ordered
our wire for the 104 line part
of the Proctor Installation. ~~When~~
~~we were not sure that the~~
~~permits to obtain the poles~~
could be obtained.

If you think we shall
be safe on this point we shall
like to order the wire right
away.

I will you please advise
us as to the matter by return

Yours truly

Samuel Insull
Private Secretary

23 Aug 8

Spencer Borden Esq

Manager

New England Dept
S. E. E. C.

Dear Sir

~~Let~~ send you by same mail
 Blue Print of Pittsfield maps
 with red pencil circles marked
 thereon. Please have information
 as to lots within the circles ~~and~~
 statements sent us giving price
 size nature & location of each
 lot & also within map with lots
 marked thereon.

Map of North Adams will
 be sent to you tomorrow in all
 probability.

We have been disappointed
 in getting a man to send to Boston

we have however to get a man
in Newburg as soon as he
gets through there we will send
him to Portland

Yours truly

Saml Russell

Private Secy

Have not yet recd Hodgkinson's
second report on Norwich.

What are the prospects at
Fall River & Lowell. Will they
be put through in time to get
both plants installed before frost
comes on?

of Aug 3

A. Stuart Esq
Secretary

Ohio Edison Installation Co

Dear Sir

I have your favor of 10th
inst.

I regret to say I cannot send
you a rough estimate of installation
but immediately we get Central
Station list location we will
push the estimate through & will
not lose one moment in
advising you of the amount
This same remark applies to
your other towns all of which
we will hurry forward as soon
as we have definite data.

The Photographer has disappointed
as to photograph of machine

so that I cannot send it to
you today as promised. Immediately
I receive them however I will send
you a copy

Yours truly

Thos. A Edison

13th Aug 7

A. Straus Esq

Secy Ohio Installation Co

Dear Sir,

we have the pleasure to
 send you by this mail Blue Print
 of Washington C. D. with red pencil
 circles thereon within which we
 shall be glad if you will indicate
 some central lots for Central
 Stations & return map together
 with particulars of any lots you
 may be able to get

Yours truly

Samuel D. Bull

Private Secretary

I find Ingers map cannot go forward
 till Wednesday.

My dear
 Frank & Anne
 Darling

We are expecting you
 for Sunday & will endeavor
 to have Leonard coming
 with us

Yours
 J. W. Alden

12 June 1877

August 1st
 Dr. Colandrea
 Men's Park, Wf
 Come over and see me
 immediately
 J. R. Edison

Aug 10th
 Frank & M. L. Cornick
 Williamsport Pa

Would have yesterday
 asking if check mailed
 as promised me at
 meeting. Received rather check
 now reply. Please explain.
 That have check tomorrow
 should explain

(23 paid 9)

at)

Aug 157
 Thomas Shaw
 Lombard Street
 London

Cannot understand why
 yesterday's telegram not
 received -
 Very sincerely
 Yours & Son's

Yours

53 pms 28

25 pms 28

15th Aug 8

Andrews -

Your answer to questions received
 have not been done them yet. - about the
 right valve to carry as the load gets
 lighter you can easily work that
 out as well as any one. - Knowing the
 number of Consumables & their light &
 the time you can always tell in a small
 town like Sunbury what load you
 have on within 10 per cent. ~~the~~ The
 drop in the house and on the service
 don't count one way or the other when
 there is a heavy or light load because
 if every body but one place was closed
 there would still be the drop for that
 place on the service & when leaving
 Sunbury is used for 15 & 3 drop
 hence you can make a table & you
 never should make a sudden change
 in water @ running for a week or one

(2)
the village lamp, ~~me~~ ^{as} ~~nothing~~ ^{now}
are far better ^{now} ~~life~~ ^{is} ~~the~~ ^{life} was
picked up in ^{hunting} ~~hunting~~ ^{hunting} ~~hunting~~ ^{hunting}
few days its ^{entirely} ~~entirely~~ ^{entirely} ~~entirely~~ ^{entirely}
24 & ^{express} ~~express~~ ^{express} ~~express~~ ^{express}
of a likely young fellow at ^{about} ~~about~~ ^{about} ~~about~~ ^{about}
for 12⁵ per day & no ^{express} ~~express~~ ^{express} ~~express~~ ^{express}
must run this by ^{as} ~~as~~ ^{as} ~~as~~ ^{as}
Cass or ^{direct} ~~direct~~ ^{direct} ~~direct~~ ^{direct} the ^{nightly} ~~nightly~~ ^{nightly} ~~nightly~~ ^{nightly}
~~at~~ ~~at~~ ~~at~~ ~~at~~ ~~at~~

pressure & then suddenly drop down
 it wants to be done gradually so
 they will not notice it - just at
 dusk when ^{the pupil's} people's eyes are very
 much contracted by sunlight & the effe-
 ct is permanent. The pressure should be a
 little higher and when it gets fully
 dark the pressure may be gradually
 diminished because their eyes
 are doubly as sensitive. It is
 a great reminder at our central
 station there is a great deal of gas
 consumption that we increase our
 pressure as it comes dark. As the
 light comes up brighter - this of
 course not so their eyes become
 more sensitive = 112 volts is the
 highest volt made of village
 lamps hence they will not have the
 life that 109 @ 108 will have -
 undoubtedly they have at times be-
 run very high & this has taken the life
 out - don't run them too low - but
 be careful not to allow them to run too
 high we will give you better lamps soon

15 Aug '3

Andrews

Does your Engineer ~~imply~~ ^{mean}
 thoroughly understand the operation &
 accessories sent me

Colman

1500

Sh. Thomas -

Don't think of the celebration that
 Horatio Kupper - the celebration
 You will have to wait a while
 I have paper now with a reservation
 You can see it as a special ~~that~~
 I can purchase enough for 328 at
 bookstore to suit your
 purpose. I
 diam

25th Aug 3

Comment

Your answer to Q 20 is not sufficiently explicit
 Suppose you were asked to cut in a Gas lamp
 who was rated for 10 lights, you should ascertain
 how night, beforehand, by looking into his
 place the exact number of lights burning,
 say at 8 530 gas & until he closed
 the same as we make a canvas while he
 might be rated for 50 lights he might
 never use out 10 at one time = The greatest
 fault in this whole business is to know
 before you cut a man what is his
 lamp hours & after he is cut in for
 2 or 3 days to also ascertain the
 electric lamp hours, by this means
 you can closely calculate what his
 bill ought to be & if he is using
more lamp hours with our light than
 with gas - If he is he ought to be
told off & the statement made that if
 he expects a comparison with gas he must
 run it the same & state to him the extra light
 he is burning by the means you will

present a new understanding about the bill
at the end of the month - this is highly
important for if it is not done they
will invariably win more Electric &
then make a comparison at the end of
the month between our bill & the gas
bill - from the gas lamp hours you
can ascertain the proper meter to use
Our Casseres after Shamaken &
Brooklyn will show the number
of pots actually burning in each
customer house every 30 minutes
until he classifies them as for the
Casseres you will know what meter
to put in & also in probable bill
but soon then when he commences the
Electric a new Casseres should be
made to see if he is burning it on
the same basis of estimating
promptly satisfied what to expect
if this is done the Customer will be
satisfied for all time if not it seems
from experience at our Central that
he never will be
- answer to 20 you suggest the case
I want to know without supposing.

2

In answer to 34 you state my sulphur and
will do - I do not think so however, Sul-
fur acid is full of lead, iron & arsenic & Sul-
fur & also large quantities of organic matter
from the air so it blocks by carbonizing
the organic matter - you remember that
every 2mc we placed in bottle containing
organic matter at laboratory got very
bad - you should use pure acid & it
can be sent from New York

The Question in 67 - was so well the bottle
fit into the wrong meter ~~not fitting~~
~~the meter~~ as well as the other if
it will the bottle have change or
something so changed that it will be
hard to get the bottle - the wrong meter
give me your suggestions in this case

Answer to 77 shows diagram of
how you would conduct meter where
only had 3 wire served & lights on
both sides - it is entirely wrong
and misrepresents diagram

your answer 179 is wrong we use a
resistance lamp of higher volts
than the regular lamp for heating
the meter - 75 pct of the heat comes
off at a red & this is quite
sufficient. The Resistance Lamp are
descended lamps from the factory
are sold for 25 c Therefore they would
be of higher V. to give them life

In answering 72 you suppose the
Party had a previous bill for you to
judge by - now suppose he had not
how then -

~~the~~ The mathematical part of your
answer I am having looked into
if these are right then your answer
is astonishingly correct.
your answer is constantly swelling &
with the occasion

Edwin

Aug 15/3

J Stuart Esq Secy

Ohio Edison Installation Co

Cincinnati Ohio

Dear Sir:

I have your letter of the 13th inst
and beg to inform you that lot 30 & 100
on block 18 east side of Broad Street
250 ft south of 3rd St price \$1000 is the
lot most suited for our installation
at Middletown. We shall go ahead
and make out estimate assuming that
you will get this lot: as soon as
the estimate is ready we will telegraph
you the amount of it and send details
on by mail -

Will you please inform us if
this lot is perfectly flat and the
soil soft earth; whether there is
city water at Middletown ~~or~~ or

#2

if we shall have to dig a well.

The district I have picked out, as the best in Middletown, will require a plant of about 1600 lights.

Will you please telegraph me this information as soon as you get this letter so as not to delay the estimate in any way.

I will make up our estimate for the same immediately we get the location for Central Station etc.

The Piqua map has gone forward to you by this mail. We expect to get the ^{of signed} Canons from Mr. Dyer some time about the 22nd of the month and we will push the map through as rapidly as possible and I don't think you will have any

#3

further complaint as to delay as
 the lengthy part of the work
 in each of your towns so far
 canvassed has now been done
 and in a very short time I
 hope we shall have placed
 some three or four Estimates in
 your hands - of course we are
 depending on your getting Central
 Station lots quickly as we are at
 as handshill with relation to
 each town ~~of~~ except Middleton.

— yours truly

Thos. A. Edison

Aug 16/67 3

Frank & Maria

Amherst Pa

Franklin will be
 around but no
 cheque or letter from
 you

Thos A. Brown

Aug 16/ 3

A.B. Johnson Esq, Secy
 Edison Electric Illum Co
 Utica, N.Y.

Dear Sir:

Referring to my letter to you of the 10th inst. enclosing estimate for the erection of a Central Station Electric Light Plant at Utica, station to be on your plot of ground at the corner of Post and Charlotte Sts, I beg to enclose you herewith amended estimate amounting to \$63,329.

I have been enabled to reduce this estimate by reducing the amount of conductors and cutting out several other items in the estimate.

As stated at the head of the
 Estimate

#2

Estimate the freight and Cartage, if you give me the contract is to be paid by your Company but the method of transit is to be solely at my option.

I also enclose your form of agreement which I would propose entering into with you in the case of my estimate being accepted, and also a map showing in red lines where it is proposed to lay our conductors. You will further find enclosed blue print of the general arrangement of the station and rough notes as to the nature of the building.

The ground plan of the
Station

#3

Station which you now have will supply you with further information on this point.

If your Company desires to get the plant started before the frost sets in it is absolutely necessary that the matter should be settled in order to enable me to order my material and have it ready to make the installation before the ground is too hard for us to lay our mains and feeders.

You asked me for an explanation as to why the bails were placed close to the corner of the building. It is done in order to deliver direct as possible into the stack.

20

stack as if placed in any other position it would be necessary to carry a long flue from the boiler to the stack and thus greatly increase the cost far more than the extra length of steam pipe which with the proposed arrangement we have to use.

Mr. Jones hopes to have got off the estimate to you yesterday but refrained from doing so in order to make as great a reduction as possible in connection with the estimate. I would suggest that you telegraph me your decision as to the matter in order that I may make the necessary preparations and be able to issue my orders immediately on the signing of the contract.

Aug 16th 3

Chas. E. Chinnock Esq
257 Pearl St
City

My Dear Chinnock:

Would you please call on
Mr. D. Wallenstein *172nd Williams St
the next time you are passing his place
as he wants to see you about putting some
lights in his subcellar.

Mr Wallenstein is a friend of Mr Edison
and I will be glad if you will pay him
whatever attention you possibly can.
Cannot you arrange with him to put
in two or three lights without having
him bothered with Bergmann & Co's
men to do the wiring -
Yours very truly

Samuel Insull

Chas 3

W. L. Andrews Esq
Shamokin
Penna

Dear Sir,

I return you herewith sketch of your
Sketch. Together with memo. addressed to
Mr. Edison by Mr. Sprague.

Mr. Edison thinks that the sketch, sketch
is given by Mr. Sprague, is best
adapted to our business. If you have no
objection to this will you please make
drawing and send to us as early as
possible as it is important that we should
get a sketch ready for Shamokin.

We have arranged for Messrs. Bergmann & Co
to take back all the old Siemens Changing Switches
and very anxious to get your drawings.

Aug 17/

Rudley New-born

Albion are near by at
Horseshoe Rd

Please send plan -
Ken's and B's mate as
soon as we receive
them

Max. A. Ellison

(Aug 16/ 3

Mr. Jos. Savidge

Humbury
Pa.

and
 the
 of
 your extraordinary telegram
 has just been received.

If it would please you to bring suit
 against us I am sure you are quite
 welcome to do so, but inasmuch as
 a check was mailed to your bank^{8th}

I think that if you will consult a
 lawyer you will find you have a
 very bad case.

The next time you want to threaten
 suit you had better do it by letter
 and not by telegram if equally
 convenient to yourself.

Respectfully

- Saml. Ensell
 Private Secretary

Aug 17th
 E. P. Greenfield Esq
 41, Ann Street

Dear Sir,
 We are very anxious
 that we should get off
 an estimate of middle
 sized Ohio to-morrow and
 shall therefore be glad
 if you can make it
 convenient to be here
 this evening in order
 to put on your part
 of the work.

I asked you this
 A.M. to speak to me
 again about this matter.

Yours truly

Samuel J. Sewall

August 3

W.C. Andrews Esq
 City Market
 Snyburny &

Dear Sir: I enclose you herewith
 Check for \$150⁰⁰ & shall be glad
 if you will pay the Engineer
 & Mechanic at Snyburny their full
 months salary -

If this is not enough to
 provide you with funds I will
 send you another cheque upon
 being advised of the fact -
 Yours truly,
 W.C. Andrews

Gardner C. Sims Esq
Providence
R.I.

21 Aug 8

Dear Sir,

your engines at the Central
Station are still giving a great
deal of trouble and a great
dissatisfaction is caused thereby.
In about six weeks our
capacity will be taxed to its
utmost and I greatly fear
trouble which will prejudice
our business and give your
engine a black eye. You must
take this matter up yourself
and deal with it vigorously and
effectively. Yours truly
W. A. M.

My dear Sir, I am very sorry to hear of the trouble your engines are giving and I am sure you will do all in your power to get them running again as soon as possible.

20th Aug 3

Messrs Harris & Robinson
Hartford Conn

Dear Sirs,

Your favour as to Central
Station note for Hartford came to
hand yesterday. I will write you
tomorrow saying which is the
best suited to our purpose.

I enclose you herewith Blue
Print of Southington & would be
glad if you would let me have
information as to lot there
giving all possible details

Yours truly

Thos A Edison

21st Aug 0
Messrs Benzmann & Co Locking Dept
292 Avenue B City

Dear Sirs,

It is important that
your Mr Greenfield should be here
tomorrow (Wednesday) morning with-
out fail to give us an estimate
on Pole lines for Piqua Ohio, as
we must send out the estimate
tomorrow noon

Yours truly
Samuel Smith

Aug 27 3
 Elk Creek

Take it in regular
 manner and then go
 around in day time
 and find out when
 the summer clothing
 stores close at night
 in winter.

Thos. A. Quinn

30 Feb 55

7

Aug 7/97 3

Mr Charles E
 Secy America Bk Co
 19 Cliff St, City

Dear Sir:

Enclosed please find *Sealed*
 City note for \$5391⁵⁰, due Oct 25th
 Endorsed in to your order
 as promised.

Please give us credit
 for the
 Yours truly

Wm A. Adams

28 Aug 3

A. Stuart Esq
Ohio Installation Co.

Dear Sir,

Yours of 28th received
 I have asked major ~~luttons~~
 clerk (~~Mr Meadows~~) to send
 you an electrotype of the
 "H" machine & also related types
 Catalogues & other reading matter.
 I will send you copies of
 the Photograph of H machine
 immediately I get some.

I wrote you on 10th
 enclosing Blue Prints of
 Hamilton & Georgetown & on 15th
 enclosing Washington & the Blue
 Prints & asked for location

of Central Station lot for
these three lots. I cannot
proceed with these estimates
till I get this information
Can you possibly hurry
it up

Yours truly

Phos. A Edison

28th Aug 8

W. J. Jenks Esq
 Manager
 Edison Electric Ill Co
 Brockton Mass

Dear Sir:

Our men will be at
 Brockton on Monday morning
 to start work on laying the
 tubes. Have you got the necessary
 permit to enable them to open
 the streets? If not this permit
 should be got at once ^{so} as to
 enable our men to go right
 ahead with their work.

Please telegraph reply

Yours truly

Thos. A. Edison

Aug 27/93

Messrs. Arthur Bonnell
 401 Nassau St.
 City

Dear Sirs:

Could you possibly send
 me the balance of machine ~~the~~
 checks tomorrow morning?

My reason for urging this
 matter to such an extent is
 that we are at a complete
 standstill for want of them
 and you would greatly oblige
 and assist me by complying
 with the above request.

Yours truly

Samuel Insull

August 31st

Frank S. Marr
Greenbury, Omaha

Can you dispense with
Hotel services? If not,
when will you be able to

Samuel
Thos. A. Edison

August 31st

W. S. Andrews
Weavers National Hotel

Shawnee, Omaha

When will Shawnee Station

be ready to start
Samuel Brantley

Aug 21 / 2
 Westfield
 Quacken
 Mass

Seven tenpitt rough
 skinned shewing their
 where in the trees
 and sometimes will be
 placed in the pine
 thorn and also where
 there will be brought
 into Brunswick Station

Wm. J. Brown

Aug 31/73

Spencer Jordan Esq, Quincy
 New England Dept. C. & Light C
 Herald Building
Savannah

Dear Sir: Will you please wire me in the
 morning what are the prospects of the Fall
 River Contract being closed. The Ansonia Brass
 & Copper Co. from whom we get our boiler rods
 propose shutting down in order to put in a
 new engine for power on so during Sept
 and I am very much afraid that they will
 shut down at such a time as to cause us very
 great inconvenience and a delay in getting
 rods for Fall River.

Yours truly
Samuel E. Russell

2nd Aug 8

Frederick C. Sims Esq
Providence

Dear Sir,

I was glad to receive your
favor of 30th inst. You do not
however exactly answer my
questions. I shall therefore be
glad if you will inform me whether
you stated that you could build
Dynamoes cheaper than the
Glenair & Shops do & that you
would be willing to do so

Yours truly

Thos A. Edison

Thomas A. Edison Construction Department Letterbook, LM-015

This letterbook covers the period September-October 1883. Most of the letters are by Edison. There is also correspondence by Samuel Insull and Alfred O. Tate. Most of Edison's letters are in the hand of Tate, acting as Edison's secretary. Some of the letters relate to the purchase of supplies and equipment and to the payment of overdue bills. Other correspondence concerns the construction of central stations in Brockton and Lawrence, Massachusetts. There are also letters about cost estimates for central stations in Illinois, Massachusetts, Ohio, and Pennsylvania. Among the recipients are William S. Andrews, George H. Bliss, W. H. Dwelly, Jr., Harris & Robinson, John Kruesi, P. B. Shaw, and Frank J. Sprague. The spine is labeled "1883" and is stamped "Letters No. 2. T. A. Edison Construction Department." The book contains 529 numbered pages and an index. Approximately 40 percent of the book has been filmed.

Amingtonsline

Andrews W. S.

Arhosa D

Arthur & Bonnel

Acron Vertified Pipe Co

Andrews W. S.

Amsonia B. & Co

Ahron runn pipe agery

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Green J. L.

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Ott. J.

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Sprague, F. J.

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Terwilliger & Peck

Little St,

Telegram sent

Date A.O.

52,5799,256,216,333,357,338 371,463,477

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Arguand J. H.
Union Over S. Knob Co

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2nd Sept 23

J. J. Spurgeon Esq
Birmingham

Dear Sir,

Enclosed you

receive notes on my
Minnesota notes placed
before you with a
request of feeding
mounds by Mr. Johnson
as they are the only
ones in the area for
us. I am also at the
main. I am by some
more than of me. I
to make you to get
at that information.

I also have your
the right way. I am
the right way. I am
to make you to get
at that information.

investment in Copper
in my other way
to make you to get
at that information.

Yours truly
Wm. D. D.

Sep 8th 20

N. W. Pratt Esq, Treas.
The Babcock Wilcox Co
306 Courtland St.
City

Dear Sir: Replying to your favor of
Sep 7th, I beg to enclose you as
requested two notes bearing interest
each calling for \$2435⁰⁰ and payable
in sixty & thirty days respectively.
These cover all amounts due at
the present time.

Will you very kindly have
our Lawrence boiler forwarded
today and send me word by
return if you will do so.

Yours very truly

Wm. A. Edison

2

Sep 8/

Wm. Brown Esq
 New York
 City

Friend / Please find
 order for 25 ft rubber
 tubing to be shipped
 to Brockton Mass.

Have you received
 our order # 229 under
 date Sep 5th which
 calls for 50 ft 1/2" rubber
 tubing to be shipped to
 F. Sprague Care and Rich
 Brockton Mass.?

If not please send the
 tubing, together with the
 bill for in order 219 of
 this morning, by Express
 today, and I will send
 your order to cover it upon
 being advised by you -
 Yours truly, J. A. Edison

Sep 10/ 3

Wm. D. Dwyer Jr
 of Gray's Co.

Fall River Mass

Will meet your Committee
 tomorrow as requested

Thos. A. Edison
 J

Sept 3
The Babcock Mill Co
20 Courtland St
Ct

Dear Sir: I beg to acknowledge receipt of your favor of the 30th inst. and mark what you say in reference to notes sent you on that day -

I now beg to enclose you two other notes, each calling for \$2794³⁵ and payable in ~~each~~ one & two months respectively -

I have inserted the clause regarding interest -

Trusting there will be found satisfactory, I am
Yours truly

Phos. A. Garrison

10th Sept 8D. J. Sprague Esq
Brockton

My Dear Sir,

I spoke you when
new about the Pole Lines to be
put up at Brockton - If I
did not do so I meant to. Will
you please look over the enclosed
Blue Print of the Laid & see
Mr Jenks about where our
Pole Lines can start from.

We had considerable
correspondence with Mr Jenks
& it was decided to let the
matter rest until such
time as ~~you~~ or some one
else should be in Brockton

I think Mr. Jenks wants the
 lines started at a ^{slightly} different
 point to that originally
 contemplated. There is no
 objection to such a course
 providing you decide that
 such an alteration will
 not affect the pressure. Will
 you please look into the
 matter & let me have your
 views on the subject.

Can you arrange ^{at}
 to visit Lawrence some time
 this week so as to lay out
 the plan for the electrical
 part of the work. I think I
 to give me some ~~idea~~ particulars
 as to what will be

required for the interior
 of the Station. The Building
 there is I understand finished
 & Mr Rich will be starting
 work on Boilers & foundations
 this week. We want if possible
 to have the electrical part of
 the work finished at ~~Lawrence~~
 at the same time as Mr Rich's
 part of it. Do you require
 an electrical Determination
 of Lawrence to enable you
 to get at the information
 we want. If so I will send
 you a Blue Print.

Will you please see that
 the lumber men from the ~~new~~
 England Dept do not wire
 on the wrong basis as at Lumbury

Mr Edison says you got up
a rule for the guidance of
the Lumbury men & he would
like you to see that the same
rule is adopted at Brockton.
He would also like you to see
that only safety plugs, that are
really necessary, are used.
You will remember how this
question was settled at Lumbury
when Mr Edison was there.

Andrews has just come
in from Shamokin. He says
everything is ready there so
that I presume Mr Edison will
go there some time this week.

Can you give me any
idea as to when your work
will be finished. The wire from
the Ansonia people was shipped

to you ~~on~~ Saturday.

With relation to the men
you required to work in the
station if you can want
two men to better advantage
than one you had better
engage two men. What we
want is for you to get
the work done quickly
so that you can handle
the business on some other
station

Yours truly

Samuel S. Sull

Private Secretary

10th Sept 3

My Dear Rick

We have been a little
"shout" to put it mildly
on else we would have
remitted earlier. I hope
enclosed ^{\$700} will set you
in good shape.

When will you start
harbouring. Boiler was
shipped today. Foundation
Caps are there. Steam piping
goes forward in a day
or so.

When will Brockton
be finished yours truly
Saml. Buswell

A-M. Doubleday Jr
 Louisville Ky

10th Sept 5

Dear Sir.

I have your letter of
 8th with enclosure. You
 made exactly the right
 reply to Mr. Stuart. I want
 you in my Construction
 Department & have plenty
 of work for you to do.

It is impossible to
 say exactly how long you
 will be at Louisville. The
 Isolated Co have no one
 to send in your place
 & you may have to stay
 there till the Exhibition is

even although I hope success
will not be the case.

I want you to study
the system at Knoxville &
your experience there will
give you considerable
advantage in connection
with our business

Will you please let
me hear from you
from time to time as
to how the Plant stands

Yours truly

Wm. A. Eason

10th Sept 3

J. Sprague Esq
 Brockton
 Mass

Dear Sir,
 we understand from Mr
 Chase that his men will be
 through laying the tubes this
 week. He desires to know from
 us whether we desire any
 service connections made before
 they leave Brockton.

Will you please inform
 us whether any progress has
 been made with the House wiring
 ordered by Mr Garrison & whether
 it will be possible to have
 the Tubo Company men make
 any service connections before
 they leave. You might confer with

16th sends on this Subject if you deem it desirable. On receipt of letters from you on this subject we will have The Electric Tube Co telegraph instructions to their man on this subject.

If it should be decided to put in some crossovers before they leave you will of course decide as to which side each house is to be connected - ~~although~~ I fancy the Service Tube has three wires in it in which case of course you can leave the matter if you prefer to until the final connection is made to cut the Consumer in.

Arrangements should be made as to wiring the Central

Station for permanent lighting.
 This should be done for as
 few lights as possible compatible
 with sufficient illumination
 as this somewhat encroaches
 on Mr. Rich's province will you
 please confer with him about
 it & tell him that I requested you
 to do so. (the connection for lighting)

Station should be from the
~~that the power is from the~~
 At Chambrin Andrieux had
 some trouble with his Band
 of Resistance. when he turned
 the wheel on one Box it cut
 resistance out of one set of
 Regulators & cut it in on the
 other set of Boxes. I do not exactly
 know what was the basis of
 the trouble but thought it as
 well to mention the matter
 to you

Did I write you requesting you to leave room for the Redens' Regulator which you designed? we do not want to put ~~it~~ it in at the start as if we did so we should have to do it at our expense as it is not in our Contract but if you arranged your connections so that we can put it in at any time after the station has been running a short time we will suggest to Mr. Garrison the advisability of purchasing one.

As to Safety Catches for Redens inside Station I enclose your rough sketch of Mr. Edison giving what he thinks

will answer. will you please return us sketcho with any criticisms you may have to make on same

Do you want any tools you use in ^{connection with} the work in the Station. If so what?

The 25 light Dynamo at Goetz Street turned out a 50 light machine. They are now working on models for 200 & 300 light machines. Mr Edison has decided to use only one coil of about double the present size on 100 light machine. The old $\frac{3}{4}$ machines he is going to turn into 100 light machines by using a heavier coil half the size.

Lumbum Co with ^{between} 200 & 300 lights running is earning 10% on \$16,000 Capital. This is so good

that today our Constitution
Diph decided to take the balance
of the cost of Installation now
unpaid (about \$6400) in stock
at par instead of taking cash
for same. You might mention
this if people talk doubtfully
of Electric Light

Yours truly

Samuel Insull
Private Secretary

Sep 11/ 3

Lucas Scribner & Peck
8th Ave 17th St
City

Dear Sirs!

I enclose you herewith
'copy' of questions and answers
relative to running of bicycle roads.

Please get these up in the usual
style - questions answers together,
pamphlet form; & questions alone,
sheet form.

I attach official
order for same & trust you will ^{enter} ~~make~~
as many hands on this work as
possible yours truly

Wm. A. Edison
J

Sep 11/ 3

J. J. Sprague Esq
Hotel Belmont
Prockton, Mass

Dear Sir: The Williamport people
desire an estimate for a plant
embracing a larger area than
we have yet taken under
consideration and I therefore
send you a map of that town
for a new determination ~~thereon~~
according to the red lines
marked thereon

Yours truly

Thos. A. Edison

Sep 12/3

J. Sprague Esq
 Hotel Belmont
 Brooklyn
 Mass

Dear Sir:

I enclose herewith copy
 of Newburg N.Y. for
 Determination -

I promise Mr. Stuffer
 an estimate on Newburg by
 Saturday and wish you would
 very kindly push this through.

Yours truly

Thos. A. Edison

Tae

Sep 14th 3

John Kneel Esq
Elec Subr Co
65 Washington St
City

Dear Sir:

Will you please send
me an approximate estimate
which will cover the cost
of laying mains & feeders
in accordance with no.
white lines on accompanying
map of Newburg N.Y.

Water and Golden streets
are paved with cobble stones
and the rest of the streets
are macadamized -

The soil is red Earth

overlying rock - the latter
is from six to eight
feet below the surface
of earth & from it you
will experience no
inconvenience

Please send this estimate
as quickly as possible
& oblige (would like it this afternoon)

Yours truly

Thos. A. Edison
1.

Sept 17 3

W. H. Buckley &
Tall Water

Mar 20

Want you get
other needed
things as early
as possible
John A. Quinn
J.

Sept 17/

W. H. Andrews
Shamokin

Pa

Tell Dooty Insurance Co.
have closed down for ten
days and cannot get our
supplies and that he
better have half dozen places
carried during this time
we get supplies and cannot
to come on and start plant
Elihu 2

the company has spent some money
these things are a waste of money

Sep 7/3

Geo. H. Bliss Bg., Girdle St.
West Edison Light Co
5153 Wabash Ave
Chicago Ill.

Dear Sir:
I have your favor of
the 1st inst and in reply beg
to say that I should not advise
proceeding any more.

It would be better to conclude
arrangements with the towns you
already have estimates for, or
for which estimates are under
preparation.

If you were to close one or
two contracts it would act as
a sort of a tonic on other

Sep 181
 F. J. Synaque
 York Belmont
 Buckton
 Mass.

Have Stevens by
 Extra three hundred
 feet mains
Thos. A. Edison



Sept
W. J. Cummings
Chairman W & C
Shawmut Co

Dear
I leave for Shawmut
tonight. Very im-
portant that one or
two places, any way
should be tried.
Yours a Cousin
Jas. A. Quinn

18th Sept 3
Geo & Powell
Southwest Foundry
Machinery Co
Philadelphia Pa
Have been over. will
write you today
Samuel Inman

Sept 187

Dearest

Over 6⁰⁰ in time the
 incense this
 will send estimate
 as requested
 Mrs. A. Edison
 J.

Sept 187

Mr. D. D. D. D.

We advise taking
 number two lot
 on Southwell Street
 Mrs. A. Edison
 J.

Sep 18/ 3

J. Sprague Esq
 Braekton Mass

Dear Sir:

I send you by express today two maps of St Paul - one an Electrical determination made by yourself and the other a chart with a number of lots located on it.

I wish you would please decide as to which of these lots is best suited to our purpose.

When you are through with the maps kindly return them as they are the only ones we have.

Yours truly,

J. A. Sprague J

Sep 18/3

Wm. Ryman & Co
290 Ave P
City

Dear Sirs:

Have you made any
new (and cheaper) temporary
fixtures yet and can you
quote me a price for same?
Yours truly

Wm. A. Edison

sep 19/83

My dear Estlin

Referring to Mr. Clarke's memo.
re Estimates please re -

At the moment we are pushed
to our utmost capacity in order to
meet the demands made upon us for
fresh estimates which of course
necessitate the preparation of new
drawings - I consequently have no
available architecture which I must
detail & prepare the information for
Clarke to send at once, but you
can rely upon receiving it fairly
as soon as we can turn it out.

Yours A. Edison

1883
 Major Eaton Sep 19th /83

Re annexed. We
 had to write to the City Engineer
 of Warwick to make him a
 tracing of his map of the
 town as it was supposed for
 our Campaign to obtain one
 while there. He can as soon
 receive this which we can go about
 with our map - Can give the
 Borden estimate this day
 after receipt of City Engineer's map
 which we expect daily

— Thos. A. Edison —
J.

Direct
Messrs E. D. Brown^{ms} & Co
108 East 17th Street
City

to use the glass used to my
house at 25 University Park
Can that a firm of their local are com-
are possible.

Yours truly,

Thos. A. Cullen

7. H. Morgan
 Esq.
 Dear Sir,
 I have the honor to acknowledge the receipt of your letter of the 11th inst. in relation to the above named matter. I have the honor to inform you that the same has been forwarded to the proper authorities for their consideration. I am, Sir, very respectfully,
 Yours, &c.
 J. H. Morgan

19th Sept 8

Frank H. M^d Coe Esq
 Williamsport
 Pa.

Dear Sir,

Yours of 12th inst to Mr Edison would have been answered earlier but for the absence of the writer from business owing to sickness.

Your understanding of Mr Edison's proposition is quite correct. I shall be glad if you will endeavour to close the matter up as quickly as possible. If necessary I will go to Williamsport to close it for you.

Yours truly
 Paul Russell Hewitt Esq

Sep 19 '3

J. Sprague Esq
Brookton Mass

Dear Sir:

Enclosed please find map
of Station Mass.

Will you kindly send me
a determination for underground
conductors in accordance with
red lines and also give me
your decision as to which of the
lots indicated on chart you deem
it advisable to select for
Central Station purposes -

Yours truly

Thos. A. Edison
J.

Sept 29/3
 W. L. Davis
 Providence
 R. I.

Mr. Eason in
 Hampton but I
 will be here
 David Small
 v.

Sept 29/3
 Theo. A. Eason
 Union Eccl. Weymouth

Everything together for
 Lawrence Greenleaf's
 notice which for today's
 notice

David Small
 v.

Sept 30th

Thos. A. Edison
Edison Elec Mfg Co

Hamlet, N. Y.

Enclosed please find questions
submitted today. Could
not get them from
printer before -
will see someone
we write today

Edwin Chasell

Sep 20/3

Revere Bergmann & Co
293 Ave B
City

Dear Sirs: I am in receipt of a letter from
Mr Lord, Treas C & O Co, Lawrence Mass,
in which he asks to have sent him at
once a motor of one H.

He says that if we have none
as large as the above to our largest
we have.

I believe the only one you
have in stock is of 13 H. I therefore
attach an order for same to be forwarded
to Mr Lord. When all you have
some larger ones ready
your truly

Sam Quinn

Sept 27 3

Paul O. Dyer Esq
 Weaver Hotel
 Chicago

Dear Sir:

Yours letter of 16th inst.
 its hands..and owing to press of
 business I have neglected
 answering it -

I am glad to note that
 you have showed a number
 of the town papers in and
 that it is shown to be
 reasonable value - I hope
 readers will be the more
 are almost identical to
 to us it is impossible
 to make a plan from them,

#2

and in all cases where Carraseno
 has furnished this description of
 Chart, it has been necessary for
 us to write to the Chief Engineer
 of the town to furnish us with
 a tracing of his map, and
 in these particular cases we
 have been greatly delayed in
 the office.

I write you now in reference
 to Mr. Cunningham's last ~~letter~~
 do not quite grasp what your
 ideas are in reference to
 our changing our mode of
 action. They are very interesting

(copy) I think of the facts and
 figures which are ~~confronted~~

3

and which have been obtained
 from practice, under intense
 competition with the "grass
 lies". Mr Cunningham's habits
 are necessary to be admitted in
 the interests of his enterprise,
 and have very little to fear as
 to the result, and any ~~possible~~
 advantage which he may gain
 will only act as an additional
~~pull~~ pull thence at the point which
 he is evidently preparing to
 carry himself and his colleagues
 to the group of influence towards
 which they are now journeying.
 (Copyright secured.)
 At Sutter's Co. where we

#14

Have a 500 light plant, they
are running 250 lights - just
half their capacity - and are
paying 10% on their Capital.

This is but one of the
beautiful truths which we
can advance to paralyze
people like W. Cunningham.

I wish you would please
send me a statement of all
money you have received from
Mr. Stuart.

Yours truly,
Saml. J. Burdett
(Clerk of the Court)

Sep 20/3

J. O. Silber Esq
Fall River
Mass.

Dear Sir:

In reference to your canvases
of Fall River will you please
give me the following information:-

Block 13 - How many lights in 38

Radman St - Newspaper Store?

Block 14 - How many lights in 64

South Main St Dry Goods?

How ^{long} do lights burn in Laundry Hall?

Please say if N^o 45 Pleasant Street
is over 51 same street as stated
in canvases - If not give new and
clear canvases of entire buildings
N^o 41, 53 Pleasant St (Block 17)

Genl #2

In future in case a hall is over a store canvas it in this way

| | | | |
|------|-----------|-------------------------------|----------------|
| No 1 | (Main St) | 1 st floor (Store) | So many lights |
| " 1 | -- | 2 nd | .. (Hall) do |
| " 1 | -- | 3 rd | .. (Office) do |
| " 3 | re | | |

If hall extends over st 1-3 & 5
for instance only locate it in
canvases over number where entrance
is stating however how far it
extends. As a rule, when
cases like the above are met
with, your canvas is confused
and by adopting the above
I think you will correct the
matter and facilitate our
work here.

Rem answer amicably

Yours truly, J. J. Smith

Sep 30/ 3

Chas. L. Esq., Treas. E. & C.
Lawrence

Dear Sir: ^{Mass}

In reply to your favor
of 15th inst. I beg to state that I
have ordered to be shipped to your
address a motion of 16 H^{rs}, which is
the largest that Messrs. Bergmann
& Co have in stock -

There are larger ones in course of
construction but they will not be
ready for some little time -

Regretting that I have been unable to
reply to your letter sooner

I am yours truly

Thos. A. Edison.

Sep 20 /
 A Stuart
 Order 6th time etc
 Annanate 0

Piqua estimate, thousand
 eight hundred two
 thousand four hundred
 seventy three dollars -
Thos A. Edison
 J.

Dec 20/7

Mr J. P. Parker, Manager

Evans Etc. 1115 Broadway

Providence, Mass

Dear Sir, I beg to state that I have
the pleasure to inform you that I have
received your letter of the 11th inst. in
reference to the purchase of a new
engine for the purpose of increasing
the capacity of the mill.

I am, Sir, very respectfully,

Yours very truly,
J. P. Parker

Providence
R.I.

Want to know by

the time in which and

how driving fulling

quicker as possible

for the best

How to drive

Feb. 27
New Orleans
Dear National Anti
Suffragist
Dear Sir

Quaintest Post, two
thousand dollars from
Society and Board
draft on New York
want today. They
ought to pay it immediately
very long delay - 100 days
I will

Sept 27/
 Has a letter
 Thomas Wentworth
 Shumate a
 slave Andrew's step
 daughter wife of
 Ferguson and he -
 want it for medical
 cost at Lawrence
 stand should
 7

24th Sept 8
 W. S. Andrews Esq
 Shamokin Pa

Dear Sir Please have
 the Station at Shamokin
 photographed & let us
 have half a dozen copies
 of photograph.

If you can
 get an inside view
 as well it will be
 desirable - in which
 case let us have three
 copies of each
 yours truly

Samuel Smith

sent to Mr. Andrews - 24th Sept 8

Sep 24/3

Mrs. F. Wilson Esq
Apex E. C. St. L.
St Paul Minn

Dear Sir:

I beg to acknowledge receipt of your favor of 17th inst. enclosing diagram of basement of Col. St Davids building, and letter from that gentleman addressed to you.

In reply I would say that it would be absolutely unpracticable for us to whitenize this apartment. The height of 'ceiling'.

is only 10 ft and would
not give us head room
enough for our boxes,
as we require at least
6 ft clear.

This I presume unnecessary
to specify any other objections
as this one places the matter
beyond discussion -

I return herewith ~~Dr~~ Davidson's
plan & letter, and shall be
glad to hear from you again.

Enc. a map of
St Paul with a number of
lots located on it and I
will be able in a day
or two to inform you as

22nd PA

is only 10 ft and would not give us head room enough for our bairers, as we require at least 16 ft clear -

This I presume unnecessary to specify any other objections as this one places the matter beyond discussion -

I return herewith ~~Adol~~ Davidson plan & letter, and shall be glad to hear from you again -

I have a map of St Paul with a number of lots located on it and I will be able in a day or two to inform you as

#3 2700

to which of these will be
most suitable for our
Central Station purposes-

Yours very truly

Wm. A. Harrison

Sep 21/ 3

L. A. Curtis Esq
Mendota Ill

Dear Sir:

I beg to acknowledge
receipt of your favor of 19th
inst and in reply would
say that Estimate for
Mendota will be forwarded
to Chicago tonight.

I am

Sincerely truly

Thos. A. Edison

Sep 21/3

W. J. Jencks Esq. Mgr.
Edison Elec. Mfg Co
Brackton Mass

Dear Sir:

I beg to confirm my telegram to you of last night stating that we would lay twenty eight hundred (28000) feet of underground conductors instead of performing pole line part of contract, you to decide where tubes to be laid.

I am in receipt of your telegram of today. to the effect that our proposition is satisfactory, and as soon as our men are through at Lawrence I will have them return to

#2
W. J. J.

Brackton and proceed
with the work of laying
kerbs as specified herein.

Yours truly

Wm. A. Harrison

Sep 21) 3

G. W. Wilber Esq
 Fall River
 Mass

Dear Sirs:

Please send me as
 quickly as possible the
 following information :-

Block 18, Pocasset Street

- (1) How long does Gas burn Every night in Armory
- (2) How long does Arc light at Post Office burn
- (3) Give particulars of Gas Engine, Block 14 South Main St
- (4) Sheets 139-140 missing giving Canvases
 of St. Main and Granite Pts of Block #21

Yours Truly

Paul Insull

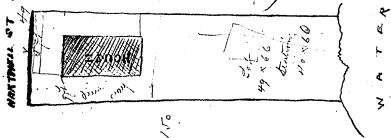
Sept 21/ 3

W. H. Dwyer Esq., Treas
Edison Elec. Mfg Co
Fall River Mass.

Dear Sir:

Referring to our telegram
to you of 18th inst., advising you to
take Lot 102 on Martwell St.,
we should like to know what your
decision in the matter has been.

If you have decided to take
the lot in question it is necessary
that I should have the following
information in regard to it



(C.H.D.) 12

Please insert the sizes in
accordance with red lines
on diagram above and
return to me as quickly
as possible.

Wm. A. Adams

Sept 21/3

John Kensi Esq, Treas
 Elec Tube Co
 636 Washington St
 Calif

Dear Sir:

I am in receipt of your
 favor of yesterday's date containing
 proposition to lay 1500 ft, additional
 underground conductors in the
 district of Buckton Mass, and
 in reply beg to say that I
 accept same and annex an
 official order for you to proceed
 with the work.

Yours truly

Wm. A. Edison

Sept 10/13

Messrs. Huntington & Co.

Grand Central

New York City

Dear Sirs:

I referred your
 favor of 15th inst. in reference
 to an iron safe, value of \$1000,
 Engine No. 1000 (Capt. W. K. Ketchum)
 and replying to it he says
 that it only costs \$2000 to
 make the safe & 1000 for the
 of Engine No. 1000. Direction
 and there was plenty of metal
 left. Furthermore he states
 that it will cost more than
 the price of the safe
 and two planks to make the

#3
2-10

4/5/11 3

connection and when done will
be an unworkmanlike job -
He also says that if valve
is sent to Lawrence for 4 1/2"
pipe he will have it cut
for 5" -

Would it ~~be~~ increase the
expense considerably, as you
state in your letter, to cut
this thread in the first place
for 5" connection instead
of 4 1/2" ?

Yours truly

Wm. A. Edison

Lawrence

When are you coming on?
Lawrence

Sep 24/3

J. J. Sprague Esq
Lawrence Mass

Dear Sir:

Referring to that portion
of your letter of yesterday's
date wherein you ask for
"36 Safety catches 150 Amps. each"
will you please let me know
how wire immediately on receipt
of this, if you want the
lead to melt at 150 amperes
or if you desire it to
carry 150 amperes of
current solid

Very truly
Yours
L. C. Insull

Sep. 27/ 3

F. J. Sprague Esq
 State Belmont
 Braekton, Mass

Dear Sir:

Enclosed please find map
 of Racine, of which place you
 made a determination some
 short time ago -

I am now unable to tell
 which lat you consider it
 desirable for us to select
 for Central Sta and shall be
 glad if you will indicate
 the same on chart & return
 it to me as quickly as possible
 (Yours truly

22nd Sept 3
 Mrs. A. Leeson

Leeson's National
 Chamber of Com.

Place and back to the

~~new today~~ without
 fail. When do you
 return

Yours truly
 J. Leeson

25
Sept 27 3

J. J. Shaw Esq., State Eng.
E. E. Light Central Station Pa.
Williamsport Pa

Dear Sir:

I Enclose you herewith
the following estimates for the
installation of Elec. Light Central
Station plants :-

| | | |
|------------------|-------------------|----------------------|
| Williamsport Pa. | 1600 lamps, and 4 | 33020. ⁷⁴ |
| " | 2400 " " " | 32416. ⁰⁰ |
| " | 3200 " " " | 41150. ⁴² |
| Bellefonte Pa | 1000 " " " | 21220. ⁷² |

You will notice ~~that~~ in the
1600 and 2400 light estimates for
Williamsport that in each case
the number of lights covered
by ^{proposed} air, district is 3166, and

#2 PBS

the cost per lamp is \$20⁶³ and
 + 17th respectively -

In the 3200 light estimate
 the district we propose to
 wire covers #042 lights and
 the cost per lamp is \$16⁶³.
 You will agree with me
 that these three estimates
 are very low - In fact I
 consider them the most
 satisfactory bids I have ever
 turned out of the office and
 feel sure that the Milbourn
 Company will coincide with
 me.

I am informed by my
 Agent Mr Campbell, that

*3 PBS

it is the wish of the Millington
Company to obtain themselves
the necessary permits and
concessions for us to run
our wires and erect our poles
in accordance with red and
white ~~lines~~ lines shown on
our Exhibit "A & B" and I
wish here to specially stipulate
that in each case our bid
for the street installation only
holds good providing these
permits are obtained and that
should they fail in securing
any of these grants and thereby
cause us any additional expense
it is agreed, in the event

#4 P.O.

of one of our estimates being accepted, that we shall add same to the amount of our present bid for the street installation.

The maps showing our proposed lines, and referred to in our estimates as Exhibits A & B, I will send you Monday morning.

Regarding the Bellefonte estimate you will note that the cost per lamp is \$21.92 and the number of lights covered by our proposed district is 1201 -

This estimate I believe to be most satisfactory. I am informed that the

#5 PBS.

Bellefonte Company have by their Charter the privilege to erect poles and run wires in any and all streets and alleys they may desire to enter, and it is upon this assumption that our bid for the street installation is based.

Should they from any cause whatever fail to obtain the necessary permits for us to erect our poles and run our wires in accordance with red & white lines shown on our exhibit A - Sent you under separate cover by same mail - and thereby put us to some

to P.A.S.

additional expense, it is agreed that we add the amount of same to our present bid for the sheet installation.

Trusting that these will meet your requirements
 Yours

Very truly yours

Thos. A. Edison

P.S.

I will send you also tomorrow the form of agreement we should propose entering into in the event of any of our estimates being accepted. I enclose slightly from the form we have used heretofore.

Sept²⁵ / 3

Geo. H. Phils Esq, Genl Supt
Western Edison Light Co
5153 Lombard Ave
Chicago Ill

Dear Sir:

I beg to enclose you
herewith Estimate for the installa-
tion of a 400 light plant
at Mendota Ill, amounting
to \$10,2⁰²³⁴~~15~~⁵², and under a
separate cover I send you a
map of the above town, with
mains and feeders marked in
red and white lines, ~~the same~~
being referred to in the estimate
as "Exhibit A".

Referring to our bid for

#2

Street Installation I wish to specially stipulate that this only holds good provided the local Company obtains ~~the~~ all the necessary permits for us to run our wires, and erect poles, in accordance with lines shown on our Exhibit A.

Considering the small size of the plant, this is a most satisfactory estimate - The cost per light is \$25⁰⁰ and the district which we propose to wire covers 451 lights. You of course understand that the cost per lamp is always heavier in a small plant than in

#7. ¹⁸⁹² J. R.

a large one, and for this reason
I have taken great care to reduce
Cathartum to as great an extent
as possible, as the Mendota
people appear to be very anxious
to obtain our light and it is
my desire to assist them all
I can by quoting low prices,
and I feel safe in assuming
that they will find my estimate
satisfactory.

I will send you tomorrow a form
of the agreement we should propose
entering into in the event of our
estimate being accepted.

Yours truly,

Wm. A. Carson

Sep 24/3

Henry A. Porter Esq. Presdt.
 Commission of Charities & Correction
 266 Third Ave, City

Dear Sir:

Will you kindly let us
 know per bearer which island
 you desire us to submit
 an estimate for first - whether
 Kiti, Pandelo or Ward's - and
 very much obliged
 Yours truly

Thos. A. Edison

My dear
 Mr. Garrison
 New York
 22nd of 42

Proclamation Station
 will start for certain
 not later than
 Monday
 Thos. A. Davis
 Jr.

My dear
 Thos. A. Davis
 Albany National Anti
 Slavery Bazaar

These friends have all
 left Proclamation Station
 not at last. They went
 in a small more convenient
 car, you may see them
 there at the depot by the
 way.

Sep 25/3

Kraus & Bergmann & Co
292 Ave B
City

Dear Sirs:

I return herewith sample
safety catch sent me a few days ago.

In reference to my order 256 of
yesterday's date for "50 safety catches to
melt at 200 temp." I beg to say that
it will only be necessary for you to
supply the brass cartridge and ~~give~~ give specimens.
The Elec. Tool Co will supply us with
the lead, as arranged with you on Saturday
last, and it is desirable that you should
omit the wooden block as it is our
intention to put a number of these catches
on one piece (which we will make ourselves)

in order that they may take up
as little space as possible when
permanently fixed in our stations.

Please let me know by letter
or telephone if you understand this
obliged

Yours truly

Sam Insull

25th Sept 8
 E. H. Lord Esq
 Treasurer
 Edison Electric Illuminating Co
 Lawrence
 Mass

Dear Sir,

I will be very
 glad for you to have some
 service tubes to connect
 your Consumers with
 the mains & I would
 expect that you give
 me an order to cover
 such services as you
 may direct Mr. Stevens
 to put in. Anticipating
 your want in this
 connection I have
 had some service
 tubing sent to Lawrence
 but in as much as
 this is not included
 in my contract I should
 have ordered to cover such a
 man as used

Sep 25/3

W.D. Rich Esq
Braekton, Mass.

Dear Sir: I have your letter of yesterday's date and in reply would say that we will not order the bed plate until we hear from you.

In reference to the sizes and Distances You desire to obtain in connection with the 200 light Dynamo I should say that it is impossible for us to give you these measurements.

The bed frame is pretty nearly the same size as the L^g machine but we cannot give

Your exact figures -

Would it not be possible
for you to go ahead with
these foundations without
this information?

I mailed check for you
to your address last night
Yours truly

Samuel Insull
Private Secretary

Sep 20th 3

Geo. A. Bliss Esq.
Genl Supt, Nat. Cash Bk
51 & 53 Wabash Ave
Chicago Ill

Dear Sir:

I am in receipt of your
cheval frocs of 19th inst.

In reference to telephone stock
I beg to say that we have never been
successful in bringing together, for
the discussion of the matter with view
of a settlement, the parties interested
in the affairs of the European Corp.

Regarding your estimate
letter to Mr Edison asking for
blue prints need in installing
the Louisville plant. Yours

#2.

to send you these in a
few days -

your family

Samuel S. Russell

Private Secretary

25th Sept 8
 D. J. Spurgeon Esq
 Wrexham

Dear Sir

I trust you should
 get an order from
 Mr. Jenks for these same
 services. The best way
 would be for Mr. Jenks
 to give us an open order
 to cover such services
 as he may direct Stevens
 to put in when he
 returns to finish the
 underground system
 Yours truly

Sam Smith

Private Secretary

Sept 25/5

Mr. Campbell / Esq.

In sending estimates out to this office I wish you to in future send with each estimate for the different places a proper exhibit. I find the map given me for Williamsport is absolutely useless. It is just as important that you should give proper attention to the precise preparation of these maps, as it is that you should prepare estimates, inasmuch as they (the maps) are what we base our calculations on, and what we refer

to in our Contracts as showing
what we propose doing.
You can see that if these
are not absolutely correct
it may cause no very
serious loss as we can be
called upon to run a distance
in streets where perhaps we
never intended going.

I explain the matter thus
lengthily to you as you
appear to have altogether
lost sight of the importance
these Exhibits bear in relation
to our Contracts, and several
times when you have been

asked for them you have
referred to Mr. Guimarães
as being the party from
whom they should be obtained.

I wish it to be
distinctly understood in
future that I consider
Mr. Guimarães has nothing
whatever to do with these
maps but I shall look
to you & hold you responsible
for the proper & correct
preparation of them and
I shall not consider an
estimate for any town
as completed, or satisfactory
it is viewed from your

office unless it is accompanied
by its attendant map.

This neglect on your
part is causing no endless
trouble and I trust that
in future it will be
unnecessary for me to
mention it.

Yours truly

Saml Beall

Sept 25/3

W. F. Funks Esq. Mgr
Union Pac. Mfg Co
Brockton Mass

Dear Sir:

I have your favor of
22nd inst acknowledging receipt
of my letter of 20th inst. in
reference to additional underground
conductors at Brockton.

I have ordered forward
to your address the lamps
you ask for and wired you
yesterday that we would
start Brockton Station not
later than Monday next.

Yours truly,
Thos. A. Edison

Sep 25/3

John Kneen Esq, Treas
 Old Mills, 65 Broadway
 City

Dear Sir I am in receipt of
 your favor of 22nd inst
 with drawing your estimates
 for underground conductors
 for the following places:

| | |
|---------------|---------------|
| Bennettsville | Sig. Republic |
| Charleston | S.C. |
| Portland | Me |
| Lowell | Mass |
| Essexville | Ind. |

Yours truly
 Wm. A. Edison

Sep 25/3

Spencer Gordon Esq
Herald Building
Boston Mass

Dear Sir: I beg to notify you
that we withdrew our estimates
for the installation of Edison
Elec. Light Central Station
plant at Lowell Mass.
Yours truly

Thos. A. Edison

Sept 25/3

Otho Anderson Esq
City

Dear Sir:

We beg to notify
you that our estimates for
the installation of Edison
Street Light Central Station
plant at Charleston S.C.
is this day withdrawn.

Yours truly

Phos. Addison

Sep 25/ 3

A. S. Andrews Esq
Shamokin
Pa.

Dear Sir:

I am in receipt
of your favor of 21st inst
and am glad to hear of the
satisfactory manner in which
Shamokin Station started up.

I note what you say about
'wire - I expected to have been
able to use some of the wire left
over at Shamokin for inside
work at Lawrence, but as you
desire to keep it I have ordered
it to be here -
Yours truly
Saml Insull

Sep 25/3

Chas. T. Hughes Esq
Newburg N.Y.

Dear Sir:

I enclose You herewith
Estimates for 1600 and 2400
lights at Newburg N.Y. amounting
to \$ 41,193⁴⁵ and 45,665⁷³
respectively.

I will send you tomorrow
another estimate which
will be much lower than
either of these and I think
I can safely promise
you that it will be
entirely satisfactory to
you - I should therefore

#2 CDH

advise you to hold these
Estimates until you get
my communication of
tomorrow.

The map referred to in
the estimate as "Exhibit A"
I am unable to send you
tonight - This, together with
Exhibit B - which will be
the proposed new district -
also form of Contract, I will
send you tomorrow -

I am very much pleased
with the prospects of
reducing this Estimate -
They look exceedingly well
and I feel sure that

You will be pleased with
the proposal we will
make tomorrow
Yours truly

Ans. A. Brown

September 26th 1883

Mr. H. Campbell

White Plains

New York

Can you come today if not

when

Frank Inaull
12

Sep 26/3

W.D. Rich Esq
 Hotel Belmont
 Brockton
Mass

*Remittance
 to Mr. Paul*

Sir:

I have today ordered
 to be shipped to your address
 some sulph. Lime and mercury
 from our New York Cent'l Station
 also a number of Chemicals from
 Eimer & Bureau, City - per Express.

This material is all for
 use in Chater Room & I presume
 Mr. Conant will be able to get
 it immediately upon his arrival
 in Brockton tomorrow or next day

Sep 27th 3

John K. Kiser Esq, Treas,
 Erie Tube Co, 65 Broadway St
 Ctrif

Dear Sir:

Enclosed I beg to hand
 you tracing of the district of
 Fall River, Mass., together with
 Mr Sprague's determination for
 underground conductors and shall
 be glad if you will send me
 your estimate for steel skeleton
 today without fail as we
 desire to forward our bid at
 the earliest possible moment.

#2 ETC

It will be necessary for you
 to return the tracing to me
 as I have no blue prints
 of it. I will send you
 another map as soon as
 made, - properly marked
 which you can return to
 keep your files complete.
 Yours truly,

27th Sept 8.

J. Sprague Esq
 Brockton
 Mass

Dear Sir,
 Mr Edison & myself will
 leave here on Saturday night &
 will be in Brockton Sunday
 morning.

It is Mr Edison's intention
 to visit up the Plant at Brockton
 on Monday night.

Mr Leonard who will have
 charge of the meters will leave
 here for Brockton tomorrow
 night.

Yours truly

Saml Insull
 Private Secretary

W. N. Dwyer Esq. Jr., Treas.
 Edison Elec. Mfg. Co.
 Fall River Mass.

Sep 27 1893

Dear Sir:

I am in receipt of your
 favor of yesterday's date and in
 reply beg to say that a fully
 itemized estimate for Fall
 River will be sent you ^{to-morrow}
 night.

Mr. Edison and myself
 go to Brockton on Saturday
 Evening, where "we" shall have
 much pleasure in meeting
 your Committee and we
 trust that they will be
 fully prepared to close

420442
 matters at Brackton or else
 have it so arranged that
 a settlement can be made
 without delay by my going
 on to Fall River with
 them.

I shall expect to receive
 tomorrow morning the
 surveyor's map you say
 you will send me, and
 am
 Very truly Yours

Saml Insull
 J. W. Insull

Sep 27 3

A. L. Smith Esq, President
Edison Ill & Co.
Appleton Wis.

Dear Sir:

I send you under separate
cover the original map which we
made of Appleton, together with
five print of same and I shall be
glad if you will obtain for me
the following information about
any lots you think it desirable
to locate ^{acquire} on the map with
the view of purchasing one of
them for Central Station purposes.

Exact Size of Each lot

Price of . . .

Nature of soil

*2. H. S.

whether each lot is level

Elevation of each above water line

If there is a building on any of the lots it should be accurately located as to position: you should state whether it is wood or brick and for what purpose it has been used & also please state full dimensions of same, including height, thickness of walls, size of rooms, whether more than one floor and whether building is in good repair.

We want the alleys put on the map and all mistakes corrected as to the position of the mills &c. We also want the line of the present poles

MS

Drawn accurately by a real
expert.

In sending information
about each lot please give
its position relative to the
map; locate accurately the
point where turbine wheel
will be also give the position
of the shaft in relation to the
lot and the amount of power
of each.

Yours truly

Phos. A. Leeson

Sept 27th 3

P. J. Shaw & Co. Inc.
E. E. L. C. S. System in Pa.
Williamsport Pa

Dear Sir:

As stated in my letter
to you of 25th inst I beg to
Enclose you two blank forms
of Contract which we use
in closing agreements for
the installation of Central
Station plants and under
separate cover I have forwarded
exhibit B for Williamsport
3200 light estimate.

Our terms in each case
are 25% of the total
amount of the contract

#2 PMS

upon the signing of the
 (agreement) 50% of same
 when the installation is
 ready to supply light and
 the remaining 25% when
 the installation has been
 in condition to supply
 light for thirty days.
 In the event of any of
 the estimates sent you
 being accepted you can
 return the agreements to
 us and we will have them
 properly executed in duplicate
 and forwarded to you for
 the necessary signatures.

Thos. A. Gaison

Apr 27 3

Miss Smith & Her Children
Cincinnati
Ohio

Dear Sirs:
Will you please send
us a price list of your
Regents giving all dimensions
& sizes, speak to and any
other information you may
deem it desirable to send
us.

Very truly yours,

Thos. A. Edison

C. H. Campbell Esq.
Engineer

Sep 27 / 3

Dear Sir:

In preparing maps to accompany Estimates will you please in future be careful to note upon the chart the number of lights covered by our proposed district.

In every case the number of lights shown be also given in the estimate. This is an important point yours truly
Samuel Beall

Sep 27th 3

Geo. H. Bliss Esq, Genl.
Western Edison Lg Co.,
51153 Wabash Ave
Chicago, Ill

Dear Sir:

I beg to enclose you
herewith estimate A^o 28 for
the installation of a 1000
light Edison Electric Light
Central Station plant at
Newport La, amounting to
\$25350⁰⁰, and by same mail
under separate cover I send
you our exhibit "A" referred
to in our estimate.

In regard to the street
installation we wish to

#29019

stipulate that, as in the
 case of Hendota, Ill., our
 bid for same only holds
 good providing the local
 company obtains all the
 necessary permits and
 Concessions for us to erect our
 poles and run our wires
 in accordance with the
 red lines on our Exhibit ⁱⁱ
 and that, in the event of
 our estimate being accepted,
 should they fail to obtain
 any of the said permits &
 Concessions, thereby causing
 us any additional expense
 we shall look to them to

#39AB

reimburse us to the extent
of the excess.

The cost of this installation
is \$25³⁵ per light for 1000
lights but you will observe
that the district covered by
our proposed street installation
provides for 1759 lights, or
nearly double the nominal
Capacity of the plant and
it would entail but a
comparatively slight additional
expenditure for them to
almost double the Capacity
at any time the local
Company might deem it
desirable. These important

#4 ~~PA~~B

facts considered the estimate
is a low one and I
trust will in all respects
be found satisfactory by
you and all other parties
interested in it.

I presume by this time
you are in receipt of
Sioux Falls, estimate.

Very truly yours,

Thos. A. Edison
J.

Sep 27 3

John Kuesi Esq Treas
 Erie Tube Co, 65 Wash'g St
 City

Dear Sir:

I attach you an order to supply all the necessary service tubes for house connection in Lawrence Mass. (N^o 2265)

Mr Lord, the Treasurer of the Lawrence Co^y informs me that they decide to extend the mains as far as chill street, which is the first street below Jackson on the south side of Essex St. Please let me

#2 JK

know what additional instruction
this extension will necessitate
and also give your estimate
for supplying and installing
same

Very respectfully

Samuel C. Russell

Sep 27th 3

Est. Long Exp. Treas.
C. H. B.

~~Lawrence~~

Dear Sir:

In answer in regard to your
favor of 25th inst. and in reply
beg to say that I will have
forwarded to you at once the
necessary tickets for home
Connections -

The matter of returning
your remains as far as still
street and the necessary
conductors for Laire, is
having our attention.

Very truly Yours
Thos. A. Hanson

Sep 27 3

J. J. Shaw Esq, Chgo.
 Edwin Electric System
 Williamsport Pa

Sir:

I shall be in
 Williamsport about the 8th
 of next month and if the
 Bellefonte or Williamsport
 people desire to close a
 contract for an Electric Light
 installation I will be fully
 prepared to do so and also
 to give them any explanation
 they may desire.

Yours truly,

Samuel Insull
 Private Secretary

~~Post~~

Sept 28

Wm R. G. W. W. W.
 Union Pacific Co
 Jordan Street
 Salt Lake City

We must ~~have~~ show
 this afternoon exactly
 how much land is re-
 over disposed for
 erection of Central
 station building
 otherwise ~~the~~ impossible

~~We~~ to have estimate
 by tomorrow. That
 just by you absolutely
 needed. You plan
 must arrive here
 tomorrow morning
 with all data as
 given fully given
 John C. Brown

Sep 29/
W & D wellly
Roxbury Rock
Fall River
Chas

Mr Edison and self
go to Fall River on boat
tonight thence to
Brockton on nine forty
nine train tomorrow
morning - will have estimate
with us.

Samuel S. Churchill

Sept 24th

Gardner C. Sims

To Arrington & Sims Co
Providence, R.I.

Mr. Edison and self go
to Fall River by boat
tonight thence to Brockton
on nine twenty nine train
tomorrow morning. Can you
spend Sunday in Brockton
with me.

S. Inghall

Oct 1 / 3

Mrs. Burghman
292 Ave. B
Calif

Dr. Lins: Re the annexed -

I believe Mr. Edison desires to
Exhibit this motor in connection
with the starting up of Rockton
Station and we shall therefore
be glad if You will forward
it as quickly as possible

Yours truly

W. H. P.

Oct 1st 5

W. Brewster Esq
 Southern Hotel
 St Louis Mo

Dear Sir:

I have sent You under
 separate cover a blue print of
 the general details of St Louis
 prop'd Rec. Lg. Central Station.

The smaller detailed plans
 are under preparation but
 I am unable to send them
 tonight. I will forward them
 at the earliest possible moment.
 Yours truly
 E. Davis.

Oct 24 3

Getta Saldon Esq
 Edison chm chm
 109 Garret St
 City

Dear Sir:

Please send Bradley
 up here at once to see me.

I want him to go to
 Brackton tonight sure
 to hunt for bugs in underground
 Conductors - If there are any
 that he wants he had better supply
 himself immediately
 Very truly

Wm. H. Brown

Oct 27 '3

J. Sprague Esq
 Brockton
 Mass

Sir:

I send you herewith
 map of Tiffin Ohio for
 determination - We desire
 to estimate for pole lines -
 Yours truly

Thomas A. Edison

is a copy
 of the
 map
 of
 Tiffin
 Ohio
 sent
 to
 the
 office
 of
 the
 Survey
 of
 the
 Land
 Office
 of
 the
 State
 of
 Ohio
 for
 their
 use

3rd Oct 8

Friend Pomlinson

Enclose your letters
from S. St J. McCutcheon
as to a case we have
at the machine works.
I notice in one that ~~Edwin~~
states he wants you
to deal with the matter

The two last letters
came whilst I was away

Will you please see
Mr McCutcheon immediately
find out the status of
the case & then see what
can be done at Brooklyn
we propose to defend

I don't want the case
to go by default.

McClutchen was engaged
by Roca the old Bookkeeper
at the machine works.

Randolph the Collector
for the Edison Illuminating
Co. whom you can find
at 255 & 257 Pearl Street
knows far more about
the case than either myself
or Edison as he had it
in hand when he was
Assistant Bookkeeper
of General St.
I notice McClutchen

ask for a check on
the letter of 1st I will
give it to him as soon
as I know how much he
wants.

Please let me know
by return whether you
will take the matter
up right away.

Yours truly

Sam Insull

My dear Mr. [unclear]
I will be back at 9 am.

Oct 5 3

J. B. Eaton Esq
 President C. & O.
 65 Fifth Ave
 N. Y. City

Dear Sir:

We beg to acknowledge
 your letter of the 27th inst. for
 the installation of a 4800 Edison Electric
 Light plant at Cronosville Ind.
 is this day withdrawn -

Please acknowledge receipt
 yours truly

Thomas A. Edison

October 5th 1882

Thomas W. Edison
% Edison Electric Works
Brooklyn, Mass

Says has postponed
interference for one month
Samuel Insull

Oct 5/ 3

Alfred Leonard Esq
Brockton
Mass

Dear Sir:
Your letter of 3rd inst in
a Customer's Ledger has been
received and in reply beg to say
that the ledger is intended to
be used in connection with
the "meter slips" - like sample
sent you herewith (which is only
a proof obtained today from the
hands of the printer) - Sir

v

deciding as to the form of
 Ledger we did not consider
 it necessary to have columns
 for the "Grammes out" and
 "Grammes in" - The tonne Grammes
 can be copied from these slips
 into the Ledger, where they
 should be reduced to the
 proper number of Candles -

This latter calculation I know
 nothing about - For sake
 of illustrating the use of
 the book I have entered

108,000 Grammes as being
Equal to 6000 Candles —
they may be equal to 62,000
for all I know — This
however You are no doubt
familiar with.

The 'collections' are entered
up from the Cash book
and paid of same entered
in column for that purpose.

In the event of a
Customer paying only
a portion of his account

4

the amount of the Collection
is Entered up opposite the
total amount due and
the balance carried out
as shown in the case
of the assumed firm
of Haines Bark Whorey
on the annexed Sheet.

At the Central Station
in Pearl St. here they
use a Customers Ledger

5

which, as I remember it,
is an exact duplicate of
the meter slip but in
preparing these ledgers for
stations which he carellors
start be considered the
modifications which we
made as being improvements
on the old style of ledger-

Yours truly

A. H. Tate

Oct 11/11 2

Electric Co
65 Washington St
Cath

Dear Sir:

Under separate cover
please find map of
Lewellyn Park which ~~you~~
we desire to be returned
when you are through with
it -

Yours truly
Samuel Bull

Oct 11th 3

Chas. T. Hughes Esq
United States Hotel
Newburg Ky

Dear Sir:

I beg to enclose herewith
Statements of probable profits and
running expenses for a 1600 and
3200 light plant at Newburg,
also specification for building for
Central Station and plan of same,
the former marked "CD" and the
latter "CB".

As we have noted on the
Statement of profits it would
introduce but a comparatively small

Additional expenditure to increase
the installation to double
its present proposed capacity
and therefore with only 1600
lights the earnings have to
pay a dividend on a capital
a small increase of which
would make a much better
showing - As it is the
percentages are very good
and we think will be found
satisfactory -

Very truly yours,
Thos. A. Edison

Oct 11/
 A. J. Sprague
 Hotel Belmont
 Brooklyn
 Conn.

Urgently necessary
 that we have Tiffin
 tomorrow - Reply given
 Thos. A. Edison

Dec 11

Advent

Sharon House

Tiffin O

Will give amount

Tiffin estimate

Tennessee

Thos A. Edison

Oct 12/3

C. M. Lord Esq, Treas
Edison Elec. Mfg Co
Lawrence

Dear Sir: Referring to your telegram
of the 8th inst, stating that you desire
to extend your mains on the north
side of Essex St, to the terminals of
the feeder, and following the same
course as the main on the south
side of the aforesaid street as
specified in my letter to you under
date 1st inst, from Brockton Mass,
I beg to say that the cost of
this extension, including freight

#2

on material from New York,
will be \$425⁰⁰, laid complete.

If you will accept this
by wire or letter I will instruct
Mr Krenzi to have the work done.

Very truly yours

Thomas A. Cairn
J.

Oct 13/3

D. A. Skeald Esq. T.P.

Home Insurance Co.

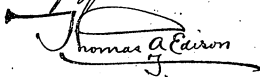
Bozell Building
116 Broadway, City

Dear Sir

Would you be kind enough
to lend us the map you have of
Llewellyn Park, in order that we may
make a tracing of it this morning
for Mr. Upton whose secretary is
going to the Park this afternoon
and wishes to take a copy with
him - The bearer will wait for a

reply

Very truly yours


 Thomas A. Edison

Oct 1871

A. Stuart
Tiffin Ohio

Total Tiffin estimate
Twenty three thousand
three hundred and
two dollars -
Building thirty four
by thirty seven feet
three inches high
with steel foundation

Cost two thousand
dollars and
estimate to be paid
by A. D. [unclear]
[unclear]

Oct 15/3

J. O. Edison Esq
City

Dear Mr. Edison:

Mr. Adams of
the Stevarro Flats will be
in town today and would
like to see you -

I considered it very desirable
that you should meet him
as other parties are making
great efforts to take away

from us the lighting of
the Flats -

If you can possibly
see Mr Adams kindly let
me know per beaver when
and where he can see
you - I think it will be

O.K. if you see him -

Yours truly

James A. Russell

Oct 157
 Chas. Howell
 90 19 St
 Williamsport

We have shipped 30 bottles
 today - Bergmann has
 no bottles on hand -
 also ordered them and
 will ship soon as
 received. Champagne

people have seen
 bottles which they
 can see in inventory
 list about payment
 machine works and
 have letter from
 Champagne and there
 recalling Johnson.
 have letter from

3

Yours and above
 standing checks to
 Bank for Brocton Payee
 small envelope in
 our post and ~~will~~
 present ill feeling.
~~to~~ Can you then understand
 they feel responsible for
 proper receipts also

4

Express opinion you
 suggested yesterday.

Date

87

1874
 11/11

received - 11/11/1874

from 11/11/1874

Oct 157
 Sam'l Ineull
 Co W H Douty
 Shamokin Pa

Eaton dont want New
 Orleans nor any other
 Southern towns canvassed
 till St Louis closed -
 Stuart wires for
 another canoe for
 Mayville quick

¶ Shall I instruct
 Dyer return there
 when through Kansas
 City - Did you get telegram
 sent Williamsport Sate
 this morning

23rd Oct 1895

Oct 15 / 3

W. F. Jencks Esq, City Clerk
 Brockton, Mass

Dear Sir:

I am sending you
 tonight a number of checks
 together with bills and
 vouchers in payment of
 our Brockton accounts,
 and wish you would kindly
 have the vouchers properly
 receipted & returned to
 us with the accompanying
bills as the earliest possible

10/15/3

moment -

In reference to delay
in this matter we cannot
understand why the people
in Brockton to whom we
are indebted, cannot give
us time to put bills through
our books & have them properly

checked. With one or two
exceptions these bills all
were received only a few
days ago & we are therefore
at a loss to understand

3

the high pressure, exercised
in connection with same-

If you have paid any
of them, as we understand
you have, it will still be
necessary for you to have
our vouchers properly receipted
and returned and inasmuch
~~as~~ as you have interested
yourself in this matter we
shall look to you for
the proper execution of
them - We shall be

44

Glad if You will very
 kindly use all possible
 Despatch in returning these
 and trusting that they will
 be found Satisfactory, we
 remain
 Very truly Yours

Wm. A. Carson

ps We enclose herewith a list
 of parties to whom we
 are sending checks going amounts
 There are two large envelopes addressed to

Wm. A. Carson
 712 E. 1st St.
 St. Louis, Mo.

Oct 13/ 3

Mr Sam Insull Esq
 Albion Hotel
 Shamokin Pa

My Dear Insull -
 Your telegrams all
 received and attended to -

Have had Braxton checks all
 prepared and forwarded to Jenkins
 with one exception, of which I will
 speak further on -

I told Jenkins that inasmuch as
 we had only received (with one
 or two exceptions) the bills from
 Braxton, a few days ago we
 were at a loss to understand the
 high pressure that was being exercised
 in connection with them - said that
 if he had paid any of them - and we
 understood he had - we should still
 require our vouchers to be properly

A 2

received and returned and as he had interested himself in the matter we should look to him for the proper execution of our vouchers.

The bill I have held is one from Braman Dow & Co.

In examining this bill I discovered that they called for payment for "one exhaust injector ---- \$94⁰⁰ -"

Until I saw this bill I was never able to understand Mr Edison's

Experience with the Buckton Exhaust injector, which he characterized as being such a perfect failure - I deduced from this that Rich (who approves the bill) has purchased this

injector - I certainly know that we have never issued not

#3

approved an order for it.
I think Rich might have
Explained the matter at the
time Brockton Station was
started as it cast a reflection
on material purchased directly
by this office - I have not
signed the voucher and will
not do so until I am instructed
by you. I think the machine
should be returned ^{as} ~~if~~ it has
failed to perform its functions
in a satisfactory manner, and
I also think a letter to Rich would
not be out of place.

I went to Bergmann's today
and conveyed your message in
reference to hurrying up Flood's
orders - They will do so.

411

Was unable to obtain the
samples of cable for you today -
will send them tomorrow &
also cable for Conant as per
your telegram.

Saw W. Edison at the
Machine Works - Gave him
letters including a 48 pager
from Sprague re Brockton
business - Johnson the wireman
appears to be a d-d bad
egg - W. Edison thinks so
too - and I will recall him
at once in accordance with
your instructions -
Will you please ask

5

Conant if the last large
 blow lamp received at
 Shamokin is what they
 want - Just in receipt of a
 letter from Hughes in which
 he says a meeting ~~for~~ for
 organization of Newburg Co
 and consideration of our
 Estimates has been called for
 Friday 19th inst. He wishes
 W Edson to be present and
 says "you^{must} of course ~~will~~ be
 there" - Will you?

He wants an estimate now

6

that will allow of a \$50,000
Capitalization - mains
cut down - I'll send it.

Campbell came in for a
while today - He's looking
very well indeed - He
will commence active work
tomorrow & you can wager
it will be d-d active
too - I hope to be able
to surprise you by turning
out some estimates while
you're away - Would it it
be a terrible surprise !!!
Well you'll get it -

#7

Enclose Your letter from Series
of a personal nature though
not marked so in envelope.

Just got your \$7.00 telegram.

Great!

Nothing else of interest to
tell You. Machinery is all
running smoothly only days
not long enough. Nearly
Eight o'clock now & I have
had no dinner yet.

I'll take an extra amount on
Your ak, & trusting you are not
figuring in the roll (not coffee)
of a martyr at the steak (!)
I am sincerely Yr's

Sate

Oct 15/ 3

Thos. Bengough Esq
Toronto Ont
Canada

My dear Sir:

I have much
pleasure in again addressing
you and trust that the
result of my communication
will be as satisfactory as
when I wrote you from
Trinidad -

When Mr Blair was
leaving the south he
mentioned to me that

2

he should like very much
to come to New York
but up to the present time
I have seen no chance of
placing him. This opportunity
however has tonight arisen
and I hasten to inform
Mr. Clavin, through you, of
the fact.

The manager of the
Edison Co. for Isolated Lighting
has asked me if I could
find him a person whose
description fits Mr. Clavin
exactly. I told Mr.

3

Hutchinson, (the manager referred to) about W McClain and he has requested me to Enquire about him -

McClain's position would be at first as stenographer at \$ 80⁰⁰ per month -

If he proves himself Equal (as I am sure he will) to ^{all} the duties, he will eventually be given charge of the Civil Chgo office - which means an excellent position -

You can tell McClain how me that I should

Oct 16/

Essex Treas
Edison Elec Mfg Co
Lawrence Mass

Please confirm by letter
your acceptance of our
bid for main north
side Essex street as per
our letter of twelfth

Reply - Have ordered work -
J. H. A. Edison
J.

Oct 16th 3

American Brass Co
 At & Charles Esq. Secy.
 19 Cliff St.
 City

Dear Sir: Referring to our order
 No 204 of 4th inst, for Copper rods
 for the Elm Lake Co, for our Fall
 River Installation will you kindly
 let us know how soon you will
 supply these as it is absolutely
 necessary that we should ^{commence}
 the laying of underground conductors
 at Fall River very soon in order
 to fulfill the conditions of our
 agreement Very truly yours

Thomas A. Edison

Oct 16/3

D A Heald Esq, JP

Home Ins Co
115 Broadway
City

Dear Sir:

a few days ago we
wrote you asking if you would
very kindly loan us a map
you have of Lewellyn Park.
Our letter was sent by messenger
who however failed to see you
and brought it back -

Would you be good enough
to let us have this map for
an hour or two tomorrow -

Yours respectfully, F. A. [Signature]

Oct 17/

A. Stuart
 Civil & M. & C.
 Cincinnati
 Ohio

7 Office certificate
 mailed Cincinnati
 today - Thos. A. Edison

Oct 17/

W. M. Locke
 Globe Hotel
 Syracuse
 N. Y.

See Mr. Deal at
 your union street
 Syracuse -

Thos. A. Edison

Oct 18 Edison

Oct 19/ 3

Messrs Harris Robinson
Hartford Conn

Dear Sir: the enclose herewith sketch
of a portion of the town of
Danbury. Please note our
remarks on same in reference to the
running of our lines from Central
Station proposed right to New St
and let us have an early reply
Obligingly Yours very truly

J. M. Edison
J. M. Edison

Oct 19/ 3

Gen. A. T. Bliss Esq, Mgr.
West. Edison Co.
371-53 Wabash Ave
Chicago Ill

Dear Sir: In accordance with Your
request we have pleasure in
handing You a 500 light estimate
for Mendota amounting to
\$ 12,612³⁶ -

Our provisions in regard to
the street installation are the
same as in the case of the
400 light plant already
submitted and explained to
You in our letter of Sep 22nd / 3.

12-9-13

You will observe that the
Cost per camp of this installation
is \$35.22 or 36¢ per camp
lower than the 400 light
estimate - This is a satisfactory
result - We also send You
map showing the proposed
Course of our line, and
referred to in our estimate
as exhibit "A", together
with forms of agreement
filled in ready for execution.
& plan of the general
arrangement of the station

#3 GMB

we propose erecting also,
 have been sent you ~~and~~
 and trusting they will
 be found satisfactory &
 meet with approval

We remain

Very truly Yours

Phos. A. Edison

Oct 20 / 3

Estford Esq., Treas
Edison Elec, Mfg Co.
Lawrence Mass

Sir: We beg to acknowledge
receipt of your favor of the
16th insty, confirming your telegram
to us to lay mains on both
sides of Essex St., and to prevent
any misunderstanding we beg
to say that the work you have
ordered will cost as follows:-
Extension of mains of feeder on Essex St
on the South Side to the terminus
of the Feeder, which is about 130 ft
beyond Mill Street, and the mains
from Essex St. through Lawrence
Street to the Central Station \$1299.⁰⁰
Extension of mains on north

2

side of Essex St to the terminus
of the feeder, and following
the same course of the mains
on the South side of Essex
Street - \$ 425 ⁴⁴; the total
Cost of the work being

\$ 1724 ⁶⁴ -

We have ordered the work
to be completed as quickly as
possible

Yours truly

Wm A. Edison

Oct 28/3

J. J. Sprague Esq

Hotel Belvidere

Brooklyn

Mass

Dear Sir:

Under separate cover we
 send you charts of Danbury Conn.
 and Tiffin O. The former has
 two flats located on it and we
 desire you to select the one you
 think most suitable and make
 a determination on it.

The latter requires a new
 determination on the lot
 which we had marked in
 red. We enclose paper in
 connection with your last
 determination of conductors for this place.

Oct 21st 3

Thos Pungough Esq
#29 King St West
Toronto Ont

My Dear Mr Pungough:

I beg to acknowledge
with thanks your letter of the
17th inst. The position I am
endeavouring to fill is one which
is unsuitable for a lady inasmuch
as the person taking it would
have charge of a number of
clerks - (some of whom are men)
and would have to perform other
duties which, for a lady, might

Might not at all times be pleasant.

The article you sent me is exceedingly interesting and I wish you would convey to Miss Fraser my most respectful admiration together with my sincere regret for the foregoing circumstance. If I can in any way assist her in New York I shall be only too happy to do so and trust she will not hesitate to call upon me for this purpose at any time. I have had a letter

letter from McClain who appears
to like the idea of coming
here. I will tomorrow write
him full particulars as he
desires.

Thanking you very
kindly again for your
letter believe me

Yours truly
J. H. H.

Oct 2nd 1900

Wm. O. Leonard—
 Wm. O. Leonard—

Dear Mr. Leonard—
 As to sending the car
 obtain from the depot,
 station car running
 and while no fully today
 this is very important.
 Write fully after the
 men are back running

2—
 Leonard — 2

Station. If they understand
 how to run the car
 case of breakdown inside
 or outside station.
 Louis, Shovel

Oct 22nd

St. L. Sprague
Hotel Belmont

Brockton, Mass.

Wear determination to finish
must read here

Tomorrow morning

David's Gravel
C. J. A.

Oct 3

Marvin Robinson

Shantford

Dear

Washington relative
 expenses light
 conductors for your
 household and possibly
 lights. Total current
 eleven thousand
 your household light

Dear Nellie - dear
 today - Will send
 additional estimate dry
 on your your household
 light light capacity
 for Washington

Thomas A. Edison

Oct 22nd 3

Messrs Harris & Robinson
Shaftford Conn

Dear Sirs: We beg to enclose herewith
our estimate of \$135 for the installation
of an Edison Electric Light Central
station plant at Southington Conn,
of 600 lamps capacity, and under
separate cover we send you
Exhibit "A" referred to in the
estimate, with plan of station -
As regards to the street

Installation we would call
Your attention to the fact

#2

that the district be propose
toiring Coors 970 lights.

Our bid for this particular
work is based upon the
assumption that the local
Company will obtain for as
all the necessary permits and
concessions to erect our poles
and run wires in accordance
with the red lines on our
exhibit "A": Should they fail
to procure any of these
and thereby cause us any
additional expense it is

3

understood and agreed that they shall reimburse us to the extent of the excess. We would say that we do not think this estimate by any means does us justice on account of the great discrepancy between the nominal capacity of the plant and the number of lights covered by our proposed street installation. For this reason we have considered it desirable to prepare

#4

another estimate for a
plant having a capacity
of 950 lights and this will
reduce the Cost per lamp
Considerable.

On the other hand
if, after looking over our
map, you consider it advisable
to cut off any of the mains
it will of course reduce the
estimate and we will be
glad to meet your wishes
upon being notified as to
what changes you may

#5

require us to make -

Regretting the unavoidable
delay to this date we beg
to remain

Very truly Yours

Wm. A. Brown

Oct 23¹

Thos Belmont
 Messrs Nationalist
 & Hamilton

Will you please
 inform me when
 you will visit
 the building and
 the grounds
 at the
 Belmont

Oct 23¹

W. H. K. K. K.
 From the City
 of New York

Messrs

New York Company are
 to erect building. The
 present quarters are to
 be used for long, and
 you suggest giving them
 the whole contract on
 Thursday next.
 W. H. K. K. K.

Oct 33
 W. L. Smith to Mr.
 Edwin C. Smith
 Rochester

Have not found
 by express the
 same & could you
 require

W. L. Smith

Oct 33
 W. L. Smith to Mr.
 Edwin C. Smith
 Appleton
 Wis.

When may we expect
 to hear from you
 again. We are
 still anxious
 Wm. C. Brown

Oct 30/1
 W. Preston Dix
 Esq. Wm. Wm. Wm. Wm.
 Louisville Ky

When may we
 expect information re
 the and most of
 Louisville - Ky
 Thos. A. B. B. B.

Pd

#2

Oct 23/

Amount Shall
% AmountCorner 6th Pine St
of Louisville

Will determine on all
 let for the hundred
 and eleven light meters
 estimate thirty nine hundred
 dollars - determine on
 Burn let for the fifty
 four light meters thirty

four hundred dollars
 determine for the ten
 hundred nine light on
 Burn let include
 estimate one thousand
 and fifty dollars.
 Will have Louisville map
 shown as for the same
 just received from

10
 8
 22
 8000000

#3

Alia. Will send
it to Humei. Suppose
he must go to Louisville
before he can fix on
exact installation.
Will attend to Chicago
estimate. Census
taken - Will give me
lastest estimate

#4

tomorrow. Leonard
letter will arrive
tomorrow morning -
will give contents -
give your address
in case I want to
send letter tomorrow
on Thursday. Date

from ridge warmer again
around the the water and

great warmer from
quarries or for carbon

Get me
 West. And
 Go down the Mts
 Fall River

Make building's hip
 And longer to
 accommodate the
 entrance in fair-
 way, wait about
 today than a China

Oct 24th

don't know
 yet about
 how that will be
 Cincinnati

Letter from Tiffin
 arrives certainly
 says Burn is
 fullscale.

He was determination
 for twelve forty four

#2

light in the lot
 main run through
 alley between Johnson
 and Washington street
 from under that light
 to second alley there
 too. Through alley
 between Washington and
 between street from

#3

river to second alley
black one. Through
alley between Perry
and Clarkst from
river to Centre black
five. Through alley
between Clarkst and
Madison from river
to Centre black three

#7

From intersection point
alley in black two
to one hundred feet
either side Jefferson.
Under one Centre black
three. Under two Centre
black five, Under three
Centre black six -
Under four Madison

See survey map for
the same organization

Survey map for

129 words

Sheet at alley between
Jefferson and Washington
Reductions based
on estimate you took.
Station plan mailed
today - Permit letter
not yet arrived.

7/1/76

to George Allen upon
Washington Junction

from John Jones

Oct 24
 Pearl Shell
 West Street
 Upper 6th Ward Mo.
 Cincinnati

Corrent reports showing
 prices rising to six.
 March instant two
 hundred seven ten three
 twenty cents. The price
 falls to date twenty

nine twenty nine.
 Presently ^{rising} rapidly expectation
 seven dollars seventy
 two cents. We could
 not give ~~us~~ not
 receipts as they are
 known what they have
 spent. Days however
 men can not obtain

all right.

Date

Oct 24th 1903

Mr. D. Bach

% Carson Elev Elev Co

San Luis Pass

Dear Mr. Bach already built
and extend building so per

Telegram of this morning

Yours A. E. Elmore

with

Oct 24/23

Act. Cowles Exp. Secy
 America Brass & Cop. Co
 19 Clifft St.
Calif.

Dear Sir: We beg to attach an order
 for copper rods for Newburg N.Y.
 Contract, and we wish you would
 push these to the utmost.
 You will of course understand
 how necessary it is for us to
 commence laying these without
 delay as my shortly frost will set
 in and that would be fatal to
 our street work.

Yours truly,

Thomas A. Edison

Oct 11/ 3

Geo. H. Bliss Esq. Mgr.
 West. Edison Light Co
 51153 Wabash Ave
 Chicago, Ill

Dear Sir:

We send you herewith
 estimate for the installation of
 an Edison Elec. Light Central
 Station plant ^{of 1500 lights capacity} at Racine Wis.,
 amounting to \$31,030 ⁰³ and
 street installation for 2164 lights.

In regard to our bid for
 the latter, it is based upon the
 assumption that the local authorities
 will obtain for us all the necessary
 permits and concessions to run
 our wires and erect poles in
 accordance with red lines on
 map sent you ~~herewith~~ under

#290B

Separate cover marked "Exhibit A",
 the same being referred to in the
 estimate. Should we be put to
 any additional expense through
 these concessions or permits not
 being secured we shall look
 to the local company to reimburse
 us to the extent of the excess
 and it ~~is~~ is understood that they
 shall do so.

This installation comes to
 \$ 19³⁹ per light - which are
 the best figures we have sent
 you yet and we feel so
 perfectly sure that they will
 be found satisfactory to

#3 GAB

all concerned that we consider
it unnecessary to make any
comments upon the low result
that has been obtained.

We beg to apologize for
the seemingly long delay in
sending you this estimate
but we saw a point where
we could reduce it and held
it for that purpose.

Trusting it will reach
you in due course, we
beg to remain
very truly,
S.

Oct 24 / 3

Geo H Bliss Esq
West. Edition Lto
51 53 La Salle Ave
Chicago Ill

Dear Sir: In relation to the lot
which you indicated on the
map of Etunah received by
us a few days since we
beg to say that the information
you have given us is so
incomplete that we can do
nothing until we hear from
you again in reply to this
letter - Will you kindly
have the attached form filled
in to as great an extent

#3

as possible - Also please
inform us if there is a
bridge across canal and
race at Cedar Street and
is it a "draw"?

Is there a possibility of
crossing the race and
canal about opposite Walnut
street? Upon receipt of
this information we will
be glad to prepare an
estimate for you -
Very truly Yours

Card

Oct 22
 Thos. P. Conant
 Mason National Hotel
 Shamokin Pa
 Doubt writes that
 Shamokin Police
 working badly -
 reply quick giving
 full details of
 trouble
 Thos. A. Egan

The Electric will be
65 Washington Street

Dear Sir

Dear wife
I beg to mention your generosity
wrote of knowledge to make me from a
black institution as free race laws
M... Mrs. Thayer is going to Pacific
she and Mr. also go to Hawaii
Very truly
Mrs. A. Edson
P.S.

Oct 20 '03

De arif

W. J. Duane
Hotel Belmont

Booths open.
Country background. with
small bridge. History of music
again.

20th October

My dear Mr. Hamilton

I am well & forward you my copy of Hamilton, and two other numbers off as we found that you may give me opinion as to the best for General Frick. Has a card of? I must be forcible, which give it to yourself.

Trusting ye find my

Dear Sir,

Yr. Servt
John G. Frick
for Mr. Hamilton

Oct 25th

A. G. Felt

to Highland Park and
Hunting, N. Y.

Thomas's days will receive
some thousand about Saturday
no letter or telegram of any
importance

Respectfully

as friends

Thomas A. Edison Construction Department Letterbook, LM-016

This letterbook covers the period October-December 1883. Many of the letters are by Edison. There is also correspondence by Samuel Insull and Alfred O. Tate. Most of Edison's letters are in the hand of Insull or Tate, acting as Edison's secretary. Some of the letters relate to the purchase of supplies and equipment, the payment of overdue bills, and the problems of meeting the payroll of the Edison Lamp Company. Other correspondence concerns the construction of central stations in Tiffin, Ohio, and Hazleton, Pennsylvania. There are also letters about cost estimates for central stations in Danbury, Connecticut; Newburgh, New York; and Williamsport, Pennsylvania. Among the recipients are J. F. Bunn, W. Preston Hix, W. D. Rich, P. B. Shaw, and Archibald Stuart. The spine is labeled "1883" and is stamped "Letters No. 3. T.A. Edison Construction Department." The book contains 503 numbered pages and an index. Approximately 30 percent of the book has been filmed.

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Oct 24
J. Augustin Esq
To Messrs. E. & J. Co.
Bourville Co.
Please send quickly the
building proposed for
local station on line
from this to west
gate, with arrangement
location of columns, etc.
and nature of
work.

Oct 27

A Short
Op. M. lower 15 & 16
Bureau of War

I have Judge Rums with me
to day going but not going
building material also brick
& stone with in well
P. A. B. B. B.

Oct 27

W. H. Dudley
Esq. the City of
Fall River

When will we have
balance of payment due
on twenty fifth

Thomas A. B. B.

Oct 29/
 David Howell
 The Yellow National Bank
 Newbury N.Y.

Tamania people say
 they can complete
 Newbury under this
 week

Life

Oct 29/
 David Howell
 The Yellow National Bank
 No. 100 Newbury N.Y.

21
 Germania advises draft
 State River four thousands
 paid - Received check
 from Duvelly additional
 from Germania and check
 from Germania and check
 from Germania and check
 and deposited Germania

10
Oct 29 3

Alfred Peterer Miller
30 Portland St
Caly

Dear Sir: Referring to your invoice of
the 18th inst. for grate bars sent to
Brooklyn, please to be used in
connection with the boiler you
supplied for that place, we beg
to say that the bars of the grate
you supplied with this boiler were
so far apart as to render it impracticable
for us to burn the coal we had been
accustomed to use at other places
and which is best suited for our business.
Furthermore the grates are different
from any you had before supplied
with our boilers and we think you
should recall the charge of \$52.⁵⁰
The displaced bars are at Brooklyn and
we shall be glad to return them to you

Oct 29/3

J. E. Brown Esq
 C/o Pope Sewall & Co
 Manhattan D.C.
 35 Vesey St City

Dear Sir:

Enclosed I beg to
 hand you estimate for the
 Erection of an Edison Elec. Light
 Central Station plant of 1600 light
 Capacity, with conductors laid
 for 2387 lights, at Newburgh, N.Y.
 together with estimate of daily
 running expenses and statement
 of profits - our form of agreement
 I also send to make the
 data complete - This estimate
 has been accepted and the

Newburg Abstract closed.

Trusting these papers will
answer your requirements

I am

Very truly yours

Samuel H. Hall

Nov 1/ 3

W. K. Rich Esq. Supt
 Fall River
 Mass

Dear Sir:

Enclosed we by to
 hand you our check #235
 for \$100.00 as requested in
 your letter of yesterday.

We would like you this
 morning asking you if
 you could spend some time in
 New York. The matter we
 wish to discuss with

29

You are in relation to
 everything else and I think
 contrary to what I said it
 is necessary for me to
 trust through to completion
 as quickly as possible. It
 is to get in ahead of the
 fact

Yours truly

Christ Church

Nov/ 3

Stephen D. Engle Esq
Hagleton, Penna.

Dear Sir: Under separate cover
we send you two charts of
Hagleton. On one of them
we have enclosed in red
lines that portion of the
town in which it is desirable
to locate our Central Station
and we shall be glad to
receive from you opinions
on any lots you can obtain
within the indicated limits.

17
NOTE

In addition to this we desire to obtain information in accordance with the enclosed form which should be given as fully and accurately as circumstances will permit.

We wish to call your very particular attention to the other chart, which shows the course of our proposed ^{in each year} lines in Hazelton. Please examine their course

carefully and advise us if they meet with any

#3
SOE

obstructions, of any nature
 whatever and note the
 location of such on the
 Chart. Should the
 meeting of such obstruction
 necessitate the running
 of our lines on other
 streets or alleys you might
 also state ~~where the~~
 You would propose going
 to effect the same end
 and indicate those departures
 on the Chart -
 we must ask

#4

You to kindly send us
this data at the Earliest
possible moment inasmuch
as all our work in
this office in connection
with estimates & plans for
Hagleton will be at a
complete standstill until
we hear from you -

Very truly yours

E. S. A. Edison


Nov 2nd 3

J. B. Shaw Esq, State Eng^r
Edison Elec Light Co,
Williamsport
Pa:-

Dear Sir:

We beg to enclose herewith our estimate
No 23 for the ~~best~~ installation of an Edison
Electric Light Central Station plant at
Belleville Pa:- of 500 lights capacity,
amounting to \$14,761.⁰⁰ and under separate
cover we mail to your address exhibit "A"
showing the course of our proposed ~~central~~
station installation together with forms of agreement
and plan of the general arrangement of our
proposed Central Station at that point.

We would call your attention to the
number of lights viz:- 843, included
in the district we propose wiring,
and this - together with the very
inconvenient location of the
Central Station lot which necessitates

2

exceedingly long feeders - accounts
for the cost per lamp amounting
as it does to \$29⁵³.

We could of course reduce the
estimate by cutting off some of
the Conductors but this is an
option subject to the preference
of the Bellefonte Company and,
we would say, an alternative
we should not advise adopting.

The proper thing to do
would be to try and obtain
a lot for Central Station
purposes somewhere near
the centre of lighting - on
High Street near Spring St.
This would shorten the

3

feeders and reduce the weight of copper which now averages nine pounds per lamp the same being high.

Another way in which the Cost per lamp could be reduced is to make the capacity of the plant 800 lights instead of 500. This would cost very little more and would present a considerably better appearance when figuring on the above basis. It is necessary

#

that decided action should
be taken at once if the
Bellefonte people desire
the installation completed
this fall so as to derive
benefit from the winter
lighting, and they maintain
of course that by delaying
the matter until spring -
as it will have to be repaired
if frost gets in ahead of
us - they will lose
considerable revenue by
being unable to take
advantage of that season

5
 When the average burning
 is longer than at any
 other time of year.

Yours respectfully
 Thos A Edison
 —————

Nov 4

Judge Sumner
Suffolk Dist

Building party by
 city will purchase
 contract five hundred
 dollars - money quickly
 if accepted - Oliver Brandt
 Jr

paid

Nov 51

J. A. Shaw
 from Blacklight
 Williamsport Pa

To make telephone service
 right wherever lights
 are used instead of
 fire burner with incense
 burners and for burning
 up two hundred three hundred
 and ten dollars. That
 the mail service is ~~not~~ ^{not}

Nov 51

J. A. Shaw
 Jiffy Inc

Our department
 leaves for Jiffy
 tomorrow noon
 to start work

Shaw & Hall

Mass 31
 Stuart Alley
 Exam. Ch. Little St.
 at W. Corner 13th & 14th St.
 Cincinnati O

Our department leaves
 tomorrow for Diffin to
 start out there -
 there is no delay - we
 are pushing the matter.
 Wm. D. Edwards

Oct 5/3

E. H. Ford Esq, Treas
 Edison Co. N.Y.C
 Lawrence Mass

Dear Sir: We beg to acknowledge
 receipt of your favor of 2nd inst
 and in reply would say that
 your wishes in relation to
 meters are thoroughly understood.
 We have ordered forward to
 Lawrence 5 additional meters
 for ~~12~~ 12 (20) lights and 40
 additional meters for 25 (20) lights.
 Also the following Petrol bottle
 plates and rubber attachments.

| | | | |
|----|-----|-----|--------------|
| 10 | for | 12 | light meters |
| 26 | " | 25 | " |
| 10 | " | 50 | " |
| 10 | " | 100 | " |

#2

This will complete the 50 extra
accounted bottles, plates and rubber
attachments mentioned in our
estimate and will leave you
10 extra fixtures for each class
of meter you have at Lawrence.

Trusting this will adjust
the matter to your satisfaction
We are

Yours truly
James R. Edsall

Nov 5th 8

Pat Dunn Esq, Vice Presdt
Edison Elec, Mfg Co,
Tiffin, Ohio

Dear Sir:

This will introduce to you
Mr W.D. Rich, our Supt. of Construction
who goes to Tiffin for the purpose
of starting work there in connection
with our Central Station installation.
We shall be glad if You will
give Mr Rich any information he
may require or you may think
would be serviceable to him in
advancing the work -
He is particularly anxious to

42

meet those parties who, you mentioned
to me, were willing to contract
You buck furnished in the wall
@ \$8⁵⁰ per ft. Will you
kindly give Mr Rich the opportunity
of meeting these people.

We are in receipt of your telegram
of today, stating that your Company
want building 40' x 60', and
accepting our price of \$500⁰⁰
over present amount of our
Contract making the same
\$18,500 instead of \$18,000.
Mr Rich takes with him all
the necessary drawings and

#3

will see that the work is
hurried to completion with
all possible despatch -

Very truly yours

Samuel D. Sull
Private Secretary

Nov 5th 3
 A. Stuart Esq
 Editor Ohio State Gazette
 Care of Dr. T. M. Smith
 Cincinnati Ohio

D. L. 1. Referring to your letter
 of 2nd inst, with which you
 enclosed a map of Springfield,
 which in return herewith, we
 beg to say that the Committee
 almost willing to no longer
 from the appearance of the
 chart we take it that
 most of the blocks in the
 district proposed are of
 the same size - It is

impossible to scale them off
 the map with any degree
 of accuracy and if it is
absolutely impossible for
 you to supply us with a
 map of Springfield drawn
 to a reasonable scale and
 which we can rely upon as
 to correctness we wish
 you would let us know
 the edges of the squares and
 the width of the streets
 enclosed in the red line
 line on check herewith
 You must understand

that it is impossible for
us to prepare an estimate
and vouch for its correctness
when we have to ^{go} ~~face~~ at
the sizes of the blocks we
are supposed to light.

Very shortly you will
be pressing us for the
bid and ~~complain~~ ^{complaint} about
the great delays we submit
you to and on the other
hand if we compile
slipshod data you will
complain about that.

On receipt of reliable
information we will
prepare an estimate.

Yours truly, ^{James} ~~James~~ ^{at}

Wm. A. ^{James} ~~James~~ ^{at}

I am sorry you will

be troubled as for this

but not complaining about

any great delays we submit

the same on the other

side. We are quite

satisfied that you will

be pleased about that.

Nov 61
 Bedford Mass
 Friend Mr May to
 Lawrence
 Mass

When may we expect
 check for two thousand
 dollars
 H. A. Bacon
 S

Nov 7/3

#2

Paul Small
 Westminster
 Providence
 R.I.

Depressed about ten thousand
 Morris Robinson very
 anxious about slavery.
 It is underground. But
 there are no more slaves.

They ~~are~~ say you should
 go Hartford and expect
 you. Would suggest
 your going there and
 explaining about slavery
 and necessity of Lewis' visit
 before estimate ready.
 C. H. C.

Nov 7th 3

A. J. Sullivan
Fifth Ave Hotel
City

Dear Sir: Mr Edison has requested
me to inform you that he
will be pleased to meet you
at this office at ten o'clock
tomorrow morning -

Yours truly

Wm H. Mull

Private Secretary

Nov 7/ 3

Samuel Russell Esq
Boston Mass

Dear Sir:

Since dictating the accompanying
 letters to you, I find a letter to Mr. J. B.
 Clarke of Lawrence ^{Mass} dated Nov 1st/83
 of which the following is an extract

"If you decide to cut off the conductors
 beyond Jackson St, the cost of the steel
 installation will be \$4952 and if
 subsequently you decide to lay 826
 feeders and the balance of the mains
 this work would cost you \$3237
 or \$363. more than if the whole
 work is done in the first case. I
 enclose blue prints one showing lamps
 and the other showing feeders"

You will see by this that

52

the cost of laying mains to
Jackson St was \$7982 and
of subsequently laying Trench
No 6 balance of main's cost
was \$3227 - Total \$11209⁰⁰

This latter amount exceeds
the amount of our contract
for street installation (\$9806)
by just \$363 from which
I infer that we subsequently
agreed to complete the work
without making the extra
charge of \$363.⁰⁰ -

The point is to obtain from
McHord the ~~same~~ memo sent
with letter of April 28th last -

Yours truly



under half too

927 Broadway

City,

we can live

Please make one change
with ~~the~~ about same age as
~~about~~ as possibly as possible and.
change

Yours truly
Thos. A. Edison
R)

Coal-Stacks on Hill

P. J. just a common drupe with no
leaves around.

Jan 87 3
W. H. D. mally from
Edwin the day is
Larsen
moss

Very important that
you should come here
and see me at once
Reply
Wm. A. Patterson

Wood 3
 Robert
 Williams & Co
 Cincinnati O
 Mr. Brown is not
 going to Louisville
 - Sam. A. Smith.

How old?
 By Graham & Co
 Louisville
 Making for special purpose
 heavy in design
 Graham & Co
 No.
 7 rods 50 rods

Nov 81 3

Hunt House
1000 1000

P. O. M. E. C.

Southwell Ave

Benjamin says has been
supplying Keweenaw with
meat, that they are going
for day - claims this
is all Keweenaw can

see daily.

The shop is ~~the~~ the
Keweenaw store part of
order outside and
also Benjamin
Greenblatt and in
balance. What

#579

you & Captain Price
 wanted - found
 about no more -
 skin with most other
 notes - they will
 come to hand -
 Note of me (over)

#61

see detailed notes
 what do you think
State

Nov 8/3
 to the Belmont
 Belmont Canal

Have you purchased
 Central Station lot.
 If so wire exact
 location and exact
 size. Is it level.
 We are making

37

the matter through.
 Will send estimate
 to Williamsport tomorrow.
 We have our telegraph
 very fully ~~the~~
 about lot tonight will

Wm A. Brown
 37

Nov of 3

My dear Arnold

Your letters and
telegrams received.

In relation to Upton I went
down and saw Hastings about
giving him money for his pay roll
and a note he had to meet,
also a bill of \$100 on check
he sent to Canada for \$79⁰⁰.
In all he required about \$1800.

Hastings said he could
only let him have about
\$1000.⁰⁰ but as this would
not meet his pay roll and
the other matters as well
I considered it best to only
give him enough to meet

Note we and, allow the pay
 roll to wait till Saturday
 so he could not pay part
 of it without paying all -
 Besides he'd have ~~dis-~~
 appropriated the extra
 \$500⁰⁰ and have come around
 here on Saturday having the
 pay roll money thereby ~~paying~~
 \$500 ahead of us which, ~~making~~
 that we won't be able to
 strike the L.C. for much money
 on Saturday or at of note.
 they have to meet, I ~~think~~
 would be a bad piece
 of financing!

I see Mr. Crocker and

#3

showed him chewing ^{Tiffin}
 Contracts - The former
 had Machine Artificer as
 you requested -

Mr Cowles informed me
 that they could have all
 Tiffin Copper out by the
 end of next week. I
 might also add that he
 said "thank you" when I
 gave him the order. They've
 got people to deal with -

The "H" machines for
 Fall River will be shipped
 at once. There is nothing
 wrong with the operation
 of the 350 light machine

and they will have to wait
till next week early -

I will have Kren's X.
ready for you tomorrow.

I have written Levin
Holmeson making an appointment
to go for next Wednesday.

I saw Mr. Edman and
showed him what you said
about Fall River - He told
me to ask Lowell to come
on here at once, which I
did, and Mr. D. will be
here tomorrow morning
when everything will be
arranged much more

#5-

Satisfactorily than it could
be by correspondence.

Thomas Parker & Co will
ship Fall River paper on
Saturday morning. They say
delay was caused by a number
of ~~off~~ cashing necessitating
new patterns.

Went down & saw
Bergmann & Co about Kreutz's
caskings. They say that
Kreuz told them he
would be satisfied if they
could supply him with
100 per day and they
has been going him for a while
they state is more than

#6

he can use. They have
suggested that he place
part of the order outside
and have written him, and
you to that effect.

Campbell will start on
our files tomorrow morning.
Am much pleased with
the work he has done in
the Eigs room although
their "statistics" are not
yet complete!

I sent for Randolph in
attendance with your name
and he said he once before
included the "Statistics"
in a statement for
similar kind and for two

#7

him not to do it again -
 He however received an
 erroneous impression at
 the statement you told him
 not to put it in was one
 showing our inability to
 contend people. This
 however is a detail which
 will be adjusted.

The Lamp Co's foreign order
 of is O.K. and has not been
 mixed up -

I arranged with Hutchinson
 for the recall of Doubleday
 and he is sure after
 Saturday next. Have it
 instructed Doubleday

#8

Yet but if I don't receive
a telegram from you in
the morning to the contrary
I will order him to start.

Randolph has all
Bills prepared for you -
The Chilean lamps (2700 of
them) go forward for
sp tomorrow and I call
them that information -
Edison's clothes (see)
were sent to London him
last Tuesday evening -
Thus I have dealt fully

#9

with all the points embodied
in your letter -

In relation to the
Brockton of the motor
which he supplied them
with was one which we
had used in the laboratory.
Bergmann supplied it only
with the automatic cut-
off.

Having been unaware
of this fact until prompted
by your telegram to
investigate the matter,
and having been unfamiliar
with the cost of motors,
I presumed Bergmann
had supplied it in this

#10

and that the amount of his bill included everything.

I have however adjusted the charge and suppose we will have to give the Light Co Credit for the cost of the motor alone inasmuch as it was an experimental machine & paid for by them.

I thought Johnson was one of our experts and that's why his time was left out. You'll find this bill O.K. however.

Tonight I have sent out of the office the following Estimates - Norwich, Hatch,

#11

Dandbury and Keenah.

In the matter of Dandbury
 I received an approximate
 bid from the Gule Co (Kreuer
 was not in town today) and told
 H&K that the amount for
 sheet installation was subject
 to revision - Kreuer can go
 to Dandbury in time to enable
 you to take a revised bid
 for this work with you on
 Wednesday - I thought it
 better to keep the promise
 we made H&K to send
 Dandbury tonight as we
 have been particularly
 unfortunate in our dealings

#13

about our not announcing
work before they have
 ever seen an estimate! -
 I only hope that this is
 a fore-runner of the
 boom that will start all
 over which will enable us
 to assume a ~~more~~ more
 independent position in our
 relations with certain people.
 Recently we have been a
 sort of a 'bolt' for anybody
 to kick at but the day
 is fast approaching when
 they will simply pile

121

gold at our feet!!!!

Hagleton estimate I hope
to send off tomorrow also.

I am pretty sure it
will go but not say so
definitely -

On Saturday we
have two notes to note -
One Lord Taylor \$653.
and the other, Babcock &
\$2795 & about \$29 interest.
Reed notice tonight that the
latter is at the ^{London} National
Park Bank - On ^{Friday} ~~Monday~~

4/15

There is another for
 check Wks, Maaghty -
 sent to \$724⁴⁹ -
 we have money to meet them
 all. Its nearly twelve
 o'clock so 'good night'.

Your truly



Nov 9/3
 Paul Howell
 Secy Erie Mfg
 Co Erie Pa
 Quacken
 Street

Quacken Contract
 thirty one thousand and
 fifty five dollars
 each month twenty
 two thousand seven

2

thousand and fifty
 five dollars twenty
 five cent. Balance
 due eight thousand
 two hundred and
 thirty eight dollars
 twenty five cent. forty

with amount of ~~blanket~~
milled last night
Date

Apr 21 3
Mavis Robinson
Newport
Conn

Don you make experiment
now to meet the small
in the first next Thursday
evening - Reply - Monday
milled last night
Mavis Robinson

March 21 3

Don't Shout

to C.A.F. Parts

Edison Bee Hives

Edison Phonograph

Edison's Phonograph

Edison's Phonograph

Edison's Phonograph

Edison's Phonograph

Edison's Phonograph

22

Two Eight o'clock

Monday morning

Edison's Phonograph

Edison's Phonograph

Edison's Phonograph

Edison's Phonograph

Edison's Phonograph

Edison's Phonograph

Edison's Phonograph

Edison's Phonograph

Edison's Phonograph

Edison's Phonograph

Edison's Phonograph

Nov 9 3

Gustav Seldan Esq
 Sup't, 1024 Girard St
 City

Dear Sir:

Will you please fill in
 the attached form as to revolutionary
 dimensions of the different
 types of machines and return same
by return.

In relation to foundation
 plans and all other information for
 the new machines you should take
immediate steps to get this data
 out. If you have not got draughtsmen
 you must get them right away.
 Let me know what steps you will
 take to effect this end.

Yours truly

Thos. A. Edison

1873 10/3

Dear Mr. Robinson
My friend Mr.

#2

Dear you want to see
the form for the Registry
the license contract.
You only deal with
the form of application
the rest of the work
rest of the work

be firm & sure - I can't
leave anything open
standing or to be corrected.
Reply

Yours truly
J. M. H. H. H.

Nov. 11th

Harris & Robinson
Trust de's Billings
Hartford Conn.
Absolutely impossible for
me to leave New York -
Can send my assistant for
two o'clock this Monday
or go myself Wednesday.
G. Small

Nov. 11th

A. P. Tate
of C. & V. King
Wooddale N. J.

You must be here early
Monday - May want you
go looking the Friday.
G. Small

Nov 17 3

H. B. Beckman Esq V.P.
 Edison Co., Ill. Co.
 Newburgh N.Y.

Dear Sir: This will introduce
 to you W. D. Rich our Supt.
 of Construction who goes to
 Newburgh to prepare for the
 reception of our material
 and to see how you are
 getting along with the
 building. Yours very truly
 Geo. F. Johnson

Nov 27 3
 Harris & Robinson
 Chas J. Davidge
 Southington
 Conn

Mr Hastings and
 representative from my
 office will be at
 Southington tonight
 I am I shall

Wm. L. Lumsden
 Engineer
 Cleveland Ohio

Oct. 12 3

Dear Sir: We are in receipt
 of your order for which
 bills are attached.

Very truly
 Yours
 Wm. L. Lumsden

Nov 27³
 I do have
 about 6000
 of the tall be
 here at ten
 Wm. H. Kinn

Nov 27³
 600 King
 Canals
 of
 have to go to the
 town tonight
 last evening
 the

Dear Mr. Root
 I am writing you a
 little about the
 Baltimore

shall be pleased
 to meet you sometime
 on Thursday or Friday
 this evening

Nov 13

W. S. Young & Co.
 33 Wall St.
 N. Y. City
 N. Y. City

Dear Sir: We have been informed
 by Mr. C. H. Cooke, one of our
 Engineers, that your Company
 having completed their late surveys
 have a larger staff of Engineers
 and draughtsmen than will be
 required. Could you be kind
 enough to send two or three
 young draughtsmen up to see
 us, who have been accustomed
 to plotting data of towns. We
 should prefer young Germans

and will be indebted if you
will kindly give the
matter your early attention.

Very truly yours

Thos. A. Edison

Oct 17/44 3
 W. L. Belknap
 Dear Sirs
 Enclosed are \$500
 for the purchase of
 Western Union
 Light Company stock
 to be paid
 immediately

Wm. L. Belknap
 J.

Oct 17/44 3
 W. L. Belknap
 Dear Sirs
 Enclosed are \$500
 for the purchase of
 Western Union
 Light Company stock
 to be paid
 immediately

4-28-44

Mar 157 3
 A. Shaw

Langston R.

I will not have lumber
 and fifty dollars more
 to supply two engines—
 We consider it totally
 unnecessary
 Wm. H. Davis

Mar 157 3
 Langston
 Concordale

in 40

I can't get out tonight—
 this is not for you.

A. D. White

Nov 16/1 3
 Will Rice
 70 East Erie St
 Fall River
 Mass

~~Mr~~ Houghton (Shawmut)
 Legit Contract Club.
 Will meet you here
 Sunday morning
 Paul Gould

Nov 16th 3
 Frank W. W. W. W. W.
 Charleston

We urgently need
 answer to our letter
 of fourteenth instant.
 Reply

W. H. H. H. H.

Nov 17 1893

Nov 17 1893

Dr. A. Clark

Williamport

Quinn

Which Bellefonte

cannot accept

leave from Sunday

morning particularly.

Will leave for Monday

regular and Bellefonte Sunday

night.

Nov 17 1893

Nov 17 1893

Dr. A. Clark

Muncie Park

and will leave

Bellefonte tonight

closed.

Quinn.

Nov 19th 3

Messrs Babcock & Wilcox
30 Cortlandt St
City

Dear Sirs:

We beg to Enclose herewith
our orders No: 393 and 394
of today's date for one 92 H.P.
and one 82 H.P. Boiler
respectively also our cheque
No 282 for \$877⁵⁷/₁₀₀ the
same being 25% of the
Cost of the above boilers.
We should like that
also our Newburgh, Tiffin
and Mount Carmel Boilers

Shipped immediately -
 If by delaying our Newbury
 Mailer You can make earlier
 Shipments of the others
 we would prefer You to do so,
 but we trust You can forward
 all of them as we desire
 without having to pursue
 this course -

Kindly sign & return
 our receipt for check
 sent herewith & oblige
 Yours Truly

Nov 19/3

Lau Llaore & Son

~~London~~

Elizabethport N.J.

Dear Sirs:

In accordance with
our telegram of this morning
we beg to enclose our
orders 388 and 391 of today's
date for plates & washers
for Hazleton Pa and Bellefonte
from patterns 1 and 6
respectively -

We are depending
upon you to rush these

~~22~~
~~Spokane~~

together with other orders you
have on hand for us, to the
greatest possible extent.

That you may better
understand our hurry in
this matter we would
explain that the Contracts
of which your material
forms a portion, i.e.
time Contracts and if we
should be delayed at all
in the receipt of our
material it will prove
disastrous to the fulfillment

¹³
~~Handy~~

of our agreements -
 we therefore beg to impress
 upon you the necessity
 of making quick shipments
 and trust you can see
 your way clear to
 meet us as we desire -

We have pleasure in
 enclosing herewith our
 cheque of \$282 for \$153.⁷²
 which balances your ^{of}
 as far as we have bills
 or shipments have been

~~very~~
 really

made and we shall be
 glad to know upon
 receipt of this ~~letter~~ what
 the very earliest dates
 of shipment are that
 you can give us for orders
 now under way -

Very truly yours

Thos. A. Cairns

If by delaying the forwarding order you
 can make earlier shipment of the balance
 of our order we should prefer you to do so
 but hope this will not be necessary -

Dear
 Mr. McKelvey
 Esq. New York
 England

Let fifty six by
~~one~~ hundred and
 fifty in black four
 or one in purple
 being

and disappointment
 will be there.

Tomorrow at New York
 28-31 N. West Union

Dear
 Mr. Grant
 New York

Have you three
 sets of these belonging
 to me. Reply quick

West Union
 N. Y.

10-26

Nov 20/3

W. J. Andrews Esq
 C. E. I. Co.
 Lawrence Mass

Dear Sir: In arranging the
 interior of Central Station
 in future you should
 calculate upon putting the
 regulators, indicators or
 at the other end of the
 building - as far away
 from the dynamo as
 possible as W. Sprague
 states that at Brockton
 the new indicators are
 affected by being within the
 field - ^{very truly} Yours, Hanson L.

Nov 20/3

F. J. Sprague Esq
E. E. & Co.

Braekton Mass

Dear Sir:

Can you not arrange
at Braekton to remove the
regulator boxes and indicators
over to the other end of the
building so as to get
rid of the influence of
the dynamos.

Yours truly

Wm. A. Laisors

Nov 22/3

Mr. Henry C. Jones
 Elmer Park Co.
 67 Bond St.
 City

Dear Sir:

As the matter of
 St. Louis school has again
 come up we would like
 to know if you desire to
 receive your bid for the
 street installation now
 due June 30, 1913 and
 amounting to \$165,000.

The new pavement they
 are constructing there will
 not be laid in streets

included in our proposed
district until next Spring,
but as a matter of information
we should like to have an
estimate from you based
upon the assumption that
this pavement will have to
be dealt with. It is
constructed in the following
manner - First the streets
are graded, then macadam-
ized; upon the surface
of this macadam they put
a layer of tar - upon this

are laid heavy red granite
blocks which are also ~~smooth~~
and coated with tar and
on top of this is a layer
of gravel.

It is necessary that
we should have the information
at the earliest possible
moment. We presume you
have on file in your office
a chart of the proposed
district.

Yours truly
Frederick Douglass
By ~~himself~~

Messrs. Messrs. Robinson
 Hartford, Conn.

Dear Sirs:

We have pleasure in
 sending you herewith statement
 of Running Expenses and Profits
 for Hamburg Cars proposed
 installation, based upon the
 assumption of a \$50,000
 Capitalization.

You will observe that with
 the price for 2000 candles
 placed at the low figure

of 2⁰⁰, and averaging only
2% hoins per day, the
percent for dividend is
nearly 5% - This is a
very satisfactory showing.
Yours truly,

Mar 23

Mr. Dutton, 1417
 500 West Main Street
 Minneapolis, Minn.

by

Not large enough.
 Can't say anything
 else than nearly
 five by one hundred
 feet. ~~There~~ five providing
~~they~~ can be had
 at front and side
 of dirt pit north of

any lot must
 be eighty five
 wide

Wm. A. Dunning

69-121

copy of report

Nov 27
 Joe Harris Esq
 Union St. My Co
 Bellefonte Pa

Seven hundred and
 fifty dollars which
 covers additional cost
 for quick twisting
 for a Union
 5

Nov 27
 Wm Quoten M
 338 West Main St
 Louisville Ky

Thirty one thousand and
 no right to be given
 to the two you are
 do -
 Mark Harris

Now the
Mr. Preston chose

338 West 41st

Levinville by

Twenty five thousand
dollar lot went to.

Now you get others

on lots given that

one block west ~~of~~ ~~of~~

Central Station.

Maple Avenue

20-11

Nov 26/3

J. J. Shaw Esq. State Mgr.
Edison Elec. L. Co., in Pa.
Pittsford
Penn.

Dear Sir:

We have your telegram of
24th inst. stating that our estimate
No 4413 for 3200 lights, amounting to
Fifty three thousand two hundred and
twenty five dollars and 76 cents —
(53225 $76\frac{1}{2}$) had been accepted by
the Pittsford Company.

We enclose herewith agreement
in duplicate and beg to call your
attention to the fact that one
of these we have signed. Before
this is delivered to the Company

W.B.

you should send us a remittance,
also return the other agreement
properly executed by the Williams-
port Company for file in this
office.

We have already commenced
to get out our material for the
work and are making other
arrangements in order that this
may be pushed to completion
in unison with our other
contracts in Pennsylvania.

Please return our copy
of the agreement as early as possible.

Reliable will
be sent you
tomorrow

Yours truly

Thos. Edison

2

Telegram

Nov 27 3

W. Preston Wise
338 West Main St

East Louisville Ky

Lot seventy four feet front on
Green Street one hundred and
Eighty feet on alley between
second & Third Streets, price
Eleven thousand with brick
dwelling ~~which~~ is the one
we must use. This is first
one selected. None of your
subsequent proposals will
answer.

44 / 162

Thos. A. Edison

Nov 27
 Co Weston & Co
 338 West Main St
 Louisville Ky

We cannot authorize you to
 make the purchase.
 Not one question is one
 that entitled to our
 purchase consequently
 checked out to be paid.
 portion interest in

formation of Company
 may make purchase
 up to disposed of
 of the interest
 of the interest
 We have nothing to do
 with real estate beyond
 stating which lot is
 our own satisfaction. The

best. If thou can't
do more you might
get option extended
J. M. A. C. C. C.

67

Ms A 28 3

P.B. Shaw
 90 Eion Ch's Addition E
 NW Cor 6th & Pine Sts
 Cincinnati O

We cannot accept contact
 unless authorized by
 right company.

The major Beine began
 to give of this morning

Shaw

1/26/65

Nov 28/

A. Stewart
 Plain Ok. L & C
 Box 899 67th St
 Cincinnati Ohio

Again thank you for
 kindred light and
 mine coming there
 kindred and pity from
 light answers to which
 know of light and beauty

mine all over - all
 paper mailed
 today. Thank you
 28-11-11.

Nov 27 3

J. Dickinson Esq
 6 Garden St
 Pokesie
 N.S.

Dear Sir: We require for estimating
 purposes information in connection
 with prices of different kinds of material
 and labor in accordance with the attached
 form - Mr. Chas. T. Hughes, of the Boston
 Light Co. suggested as a writing you on the
 subject. Would you be kind enough to
 submit this form to some local builder
 who you think could furnish us with
 reliable prices. We shall be greatly obliged
 if you can assist us and return same at
 the earliest possible moment as our estimates
 are being delayed for some of the work
 required there.

Nov 28/ 3

Messrs. E. J. Lee

Edison Electric Installation Co.

Cincinnati, O.

Dear Sirs:

We beg to enclose herewith our estimate of \$205,000 for the erection of Edison Elec. Light Central Station plant at Lima, Ohio, amounting to \$13,579.00 the same being of 5000 lights capacity.

You will observe that the detail on proposed wiring covers 7000 lights, or about one half more than the nominal capacity of the plant.

For this size of plant the estimate is a particularly low one. At Mount Carmel Pa.

we closed a contract a few
weeks ago for a luminous sign
installation the amount of
which is \$14,000.00

In relation to the new installation
and the cheaper building for ^{Spain}
Lumber we would state that the
cost has increased the cost of the
sign installation by ^{ms} \$4,000.00
The building we have returned
by \$4,000.00 and as the price
of 10 lb. lamps has been reduced,
since the first figure estimate
has submitted from \$8.00 to \$5.00
we have changed \$1,000.00 for
250 lamps in the estimate revised

13

instead of \$5000 on the last
 "numbering" the estimate under
 comparison.

These changes make a
 reduction in the estimate
 sent you today, from the
 former estimate, of only \$21⁰⁰.

We might have stated that
 it has cost us a great deal
 more than \$21⁰⁰ to make
 all these changes in the
 estimate. We have already
 submitted to you one of the
 lowest, if not the lowest,
 500 light plant estimate
 we have ever yet prepared.

24

upon if the people interested
 in this matter really mean
 business they must certainly
 agree with us in thinking
 that the results obtained
 from the numerous sessions
 hands justify the delay and
 expense of making them.
~~me~~ ~~He~~ We are only too
 glad to have any meet the
 requirements of the persons
 connected with any proposed
 establishment that gradually the
~~Public Affairs~~ ~~or~~ ~~reaches~~
 north, bottom ground.

15

direct upon each communication
 on that subject with the in-
 relation to closing a
 contact as we have about
 exhausted all other points.
 The will
 have a spontaneous
 even with the
~~the~~ the
 that is, the
 regard to the
 and the
 and the
 have the
 and the

Nov 28/3.

W. L. Loring Esq
 227. Pearl St
 Calif.

Dear Sir: We sent some of the
 Sulp. mine which we received from
 Leha & Fink to the Laboratory
 and had it tested. The
 result condemns the material
 absolutely, owing to the large
 quantity of iron it proved
 to contain.

On account of not being
 able to use this we are
 again obliged to call upon

#2

you to "help us out of the mire".
 Will you very kindly send us
 25 lbs sulph. lime to Mr
 H. Ward Leonard of Edison Elec
 Mfg Co, Lawrence Mass.

Our Mr Insull is at the
 present time effecting an
 arrangement with another
 firm to supply us with a
 quantity of this material
 of a better quality.

We were informed by
 Lehn & Frank that they

give us the same material
 as you are in the habit
 of getting from them but
 evidently this is not so.

We will request them to
 give us credit for what we
 have on hand at the present
 time.

Very truly yours

J. H. Williams & Co. Dep't
 of the

You credit for them after we
 have examined them and
 ascertained their value.
 If they are all right and
 all parts complete we will
 allow you the same amount
 as you paid for them in
 the first place.

There is another portion of
 them ordered which we
 would like to take to your
 attention: Under the head of
 "Outside wiring" your order the
 following:

3 Insulators, Brass Wires and
 Laid on outside wiring \$24.35
 By 24 sets of same wire \$289.95

"3

To Digging Poles and Setting

129 Poles .352.⁰⁰

By ~~241~~ Poles not Erected 66.52'

In relation to the credit of
\$289.92 which you take
you have determined the average
cost per pole by dividing
229 into "48.48" which gives
\$120.

Again, in relation to the
credit of \$66.52 for ^{not} poles not
erected you have determined
the average cost per pole
by dividing 129 into ".352".

Now 129 were the
actual number of poles

11

Erected could instead of dividing
 these totals by 159 in
 order to obtain the average
 cost per pole you should
 have added 159 and 21
 together and divided the
 amounts by this result.
 As it is now obtain the
 average cost for 159
 poles and then deduct
 21 of them whereas you
 should have obtained the
 average cost of 159 and
 then deducted the cost
 of twenty four. In the

#3

first instance quoted this
makes the average cost
per pole 10^18 instead of
 12^08 and the amount to
be deducted 1244^32 instead
of 789.92 .

In the second instance
the amount to be deducted
is 53.70 instead of 652 .
You have calculated the matter
as though there were 129
poles in the Contract but
only 105 erected.
You will see from

p 6

this that you have credited
your account with \$56.⁹²
too much and which
amount we are entitled
to. We trust we have
explained this matter
clearly and shall be
glad to hear from you
as to your views on the
subject.

We presume you will
be quite willing to allow
us to adjust this discrepancy
when we are allowing

#7

you a credit for temporary
features recently returned

In the meantime we
beg to remain

Very truly Yours

Thos. Wilson Const. Dept.

By Sam. Insult

Nov 30/3

Stewart & Lee
 Coal & Iron Works
 Cincinnati O

Dear Sir: The land under separate
 cover, by same mail, map of
 Kansas lately sold, and shall be
 glad if you will advise us
 of options on land within
 the red circle marked thereon.

In addition to supplying
 me with information in
 accordance with the annexed
 form will you be so kind
 as to let us know if there are
 many telegraph poles in alleys
 through which we propose

re-revealed

to run on if there are any
objections whatever to our
going through such alleys.

Can we run across black
"47" as per the red dotted
line also. Can we run in
streets where we put red lines
such as Delaware St, Fifth St
street

such as Delaware.
Hence name any spot
through which our railroad
passes; where there would be
any objections to our going
or anything in the way of
obstructions to prevent the
erection of our ^{new} bridge.
Polls, running of
cours -
H. Johnson Const. Supt
1/3 1866

Nov 30/77

Messrs Babcock & Wilcox - Inc
30 Cortlandt St
N.Y.C.

Sirs: We have received your notice
of the shipment of the Hawthorn
boiler and beg to say that we
regret exceedingly that this boat
forward. The building at Hawthorn
will not be ready for some
weeks and we will consequently
be compelled to pay storage
on our boiler until the building
is sufficiently far advanced
to enable us to commence work
in connection with setting.
We requested you by telegraph to
hold this boiler until we notified
you to ship. Very truly
Yours A. Edison.

No. 381 3

W. H. A. in ants E. g. Lash
 Armour Bros. Banking Co
 Kansas City, Mo.

Dear Sir: Under directions of Mr.
 Brewster we send you under
 separate cover by same mail
 map of Kansas City & Co.
 We shall be glad if you will advise
 us of any lots available for
 Antel Station purposes
 within the Circle thereon.
 In addition to supplying
 us with information in
 accordance with the enclosed
 form will you please

or

we know if there are
many telegraph poles in
alleys through which we
propose to run or if there
are any objections whatever
to our going through such
alleys.

Can we run across
black & as per red
dotted line, also can we
run through streets where
we put red lines such
as Delaware Street, Fifth
St. Please name any

#3

Street through which our
 red line passes, where
 there would be any objection
 to our going on anything
 in the way of obstructions
 to prevent the erection of
 our poles and the running
 of our wires - also any
 suggestions you may be
 pleased to give us as
 to overcoming such difficulties.
 Please favor us with
 a timely reply
 Yours truly
 Thomas H. Mason and Co. Sept
 12 1886

Nov 30

3

Friend Dorsey,

If you know a first class wire
gang foreman who is familiar with city work
would you send address to me and oblige,
one that wears an 8 1/4 hat and reads Plato
in the original Greek.

Yours

Thomas A. Dixon

Nov 1 3

James Chapin

Do you know the address of
a 1st class person of construction who is used
to city work. Perhaps Will have some; want a
person who has brains, who seems an 8th
hand or reads Plot in the original Greek.

Yours

Wm. A. Brown

100 State St. Boston, Mass. 3. 17. 98

Nov 1/9

Mr. M. Lincoln Esq. Cable
 Chamber Base Building
 Kansas City,
Mo.

Dear Sir: By same mail under
 separate cover we send you
 blue print of Kansas City
 with red lines marked for
underground conductors.

In connection with this
 we shall be glad to receive
 from you information as
 to the nature of the pavement
 of streets through which we
 propose running (as indicated
 by red line), nature of soil
 and whether rock is 1.

be met with in any of
the sheets or if there
are obstructions of any
nature whatever which
would prevent our adopting
the course we propose.

The maps sent you this
morning are mailed for the
line - that you also be kind
enough to submit the
attached form to some
reliable local trader and
have him fill in the
blanks as to prices
of material and labor.

12
 which information it is necessary
 for me to have to use in
 connection with our
 relations on the other side
 building -

Regarding these matters
 we shall be glad to
 hear from you at
 the earliest possible
 moment. Yours truly

The Rt Hon Mr. St. John
 St. John

Harden

A. Reed Esq
 Plymouth
 Pa.

Dear Sir:

We have referred ~~you~~ ^{you}
 of 25th inst. in relation to ~~the~~ ^{the}
 of a 500 light Electric Light
 plant to W. B. D. Shad, ~~Attn~~
 -port Pa. State attorney of the
 Elec. Light Co. to ~~the~~ ^{the}
 who will give you all the ~~the~~
 you require

Very truly yours

Wm. B. D. Shad
 Esq.

Nov. 21/3

Wm. Beckman Esq. Mr.
 100 Broadway New York
 N.Y.

I am glad to have witnessed in
 person the thorough revised
 plan of the assembling
 building prepared in
 accordance with your oral
 suggestions of this morning.
 I trust the same will
 be found satisfactory, and
 the details strictly adhered
 to by the ^{one} ~~responsible~~ architect.
 Yours truly
 Thomas Edison Consulting Engineer

Nov 30/93

Edward G. Loring
 Chairman, Ohio Institute
 Cincinnati
 Ohio

Dear Sir:

We send you tonight
 blue print of Urbana C. and
 shall be glad to receive in
 addition to information as
 per enclosed form, advice
 as to whether there are any
 objections to our running lines
 and erecting poles as per
 the red lines thereon or if
 there are any objections of
 any nature whatever, which must
 prevent our adopting the course
 we propose. Please let us hear
 from you as soon as possible.
 In addition,

82
 have the rounded form 'as'
 situated to some level
 boulder in nature, the
 you think our present
 reliable data as to source
 of timber & material, and
 have been told in the time
 of early timbering.

The following is a list of
 the principal sources of
 timber in the State of
 Maine, and the amount of
 timber cut in each year
 from 1880 to 1890. The
 total amount of timber cut
 in the State during this
 period was 1,000,000
 cubic feet.

Dec 11 / 5

Chas. T. Hughes Esq
 Morgan House
 Panglossville Ky

Dear Sir: In relation to the Panglossville
 Estimate we beg to say that as
 it is to be an underground system
 it is necessary for Mr. Kreni,
 of the Exc. Supts., to visit the
 place before he can give us a
 bid. This Gentleman will be
 in Panglossville on Monday
 and will submit his ~~est~~ bid
 on Tuesday when we will
 immediately forward you our
 estimates - yours truly
 J. M. [Signature]

Dec 1st 3

W. L. K. & Co. Eng. & Supl
Middleton
Chgo.

Dear Sir:

We beg to inform you that we have closed a contract with the Edison Elec. Mfg. Co. of Middleton, O. for the installation of a 500 light plant with overhead conductors for 864 lights, and in same envelope we send you chart showing the course of the conductors together with plans of building for Central Station. In our estimate (a copy of which we will send you tomorrow) we allowed \$2210⁰⁰ for this building - which is to be frame, so you will see that you can put up a very nice structure with good interior fittings. We have ordered the boiler and engine, but plate, bolts & nuts, belts, pipe for stack and

27

pole has ~~not~~ ^{been} ~~used~~ ^{used} for the pole, and the
 cover, and we desire you to get your
 board started as soon as possible.
 It would be no help for you to
 arrange for the reception of our material
 during your absence. ~~Very~~ ^{Very} ~~much~~ ^{much} ~~indeed~~ ^{indeed}
 the hope ~~expressed~~ ^{expressed} to send
 your data about Piqua.

In regard to ~~poles~~ ^{poles} for ~~illumination~~ ^{illumination}
 we will require fifty, each eight
 long ovals, by which we mean
 that forty one feet will be the total
 length of each pole regardless of
 its height above ground.
 Please arrange for the supply of these.
 To order with care, we are,
 Yours truly

Lucas Lee Smith

No. 70

R. 100

December 3rd
 The Livingston & Sons Co
 Providence,

P. S.

Desire now two dynamos
 from small Boston
 engine. This cost
 putting forty eight inch
 regulated pulley on,
 also erecting all drive

AG & Co
 (2)

With vicio.

Mrs. A. E. Brown

Dec 4/ 3

Mr Inall:

I send you herewith a statement showing what each town has cost us for surveying, mapping, making determinations, preparing plans & estimates, the total of which is \$10,398.⁰⁰. Out of this amount we have ourselves to bear the expense in connection with the following towns:-

| | |
|-------------|--------|
| Williamport | 189.33 |
| Shamokin | 116.48 |
| Brockton | 297.59 |
| Lawrence | 101.92 |
| Sunderbury | 129.01 |
| Fall River | 351.29 |
| Bellfonte | 288.38 |
| Middleton | 224.47 |

Grand

\$1698.47

7
~~Sub~~

| | |
|--------------|---------|
| Brot Ford | 1698.47 |
| Rena | 232.66 |
| Newburgh | 248.56 |
| Triffin | 232.36 |
| Hayleton | 117.12 |
| Mount Carmel | 102.11 |
| Total | 2631.28 |

This leaves a balance of
\$ 7766 ⁷⁴ chargeable to
the Light Co.

Inasmuch as Mr. Sprague
left none of his notes in
the office here we are
unable to tell what
determination he was

#3.
J.S.

Employed on during his
lengthy sojourn in New
York last summer, and
he are consequently unable
to make an equitable
appropriation of his time.

I will endeavor to get
from Mr. Sprague such
data as may be in his
possession in regard
to determinations he has
made and charge out
his time accordingly.
Mr. Sprague's failure

~~\$\$\$~~
(on refusal) to keep these
notes on our files may
now cost us some money.

Chate

Dec 3

W. Rich Esq
 Capt. Conley
 & C. B. M.
 Piquette C.

Sir:
 We send you herewith
 copies of letters as closed
 with Middleton & Piquette
 Companies also plan of
 Piquette Station and map
 of district.

We will require at this
 place 95 poles, 40 ft long
 overall 8' top 14' to 16'
 butts and 191 cross

20th

around you will note that
the amount allowed for
the Regina building is \$1050
~~rather~~ notwithstanding the
fact that the details and
size are the same as the
building at Moose Jaw
at Cuddleton, which latter
is allowed \$2200 per.

You will therefore not
fit the former up as
elaborately as the latter

^{23d}
 so that there may be
 some distinctive features
 to refer to should it ever
 be necessary to discuss
 the respective coats with
 parties outside our own
 immediate circle -

Yours truly

Thos. Edison Great Hall

By Sam. E. Smith

Dec 8
 P. B. Shaw by
 Cincinnati

Dear Sir,
 we find that the
 following are the
 first Ohio Towns in
 the order in which
 they are named

Lima
 Canton
 Urbana
 Chillicothe
 Washington

Yours truly
 Thos. Lewis

P. B. Shaw

December 8th 3

A. Stuart diary

His thin face has
lost the life of

Cincinnati, this

our expectations were
from Philadelphia no lot

has brought there - do

Rigue in some place

It is very appropriate
should shall to keep in

A. Stuart

(2)

Expectations in the
while but is being much

than to the

the

Spencer, John, Ensign
 that he had not
 been in the
 battle

Dec 31

2^d Sec:

We beg to enclose under
 separate covers blue prints of
 Spencer, Withers, Palmer and
 Southbridge. On each map
 the districts have been marked
 off and the route on each
 chart indicates the area with
 which it is connected & with in
 a lot for the National
 purposes.

Madison 1868
 supplying us with information
 in accordance with the

17

attached, ~~document~~ would be
 acceptable for the parties
 to whom you sent the charts
 to look carefully over
 the district we propose buying
 and ascertain if there are
 any objections which would
 necessitate a change.

We should be glad also to
 have any suggestions or
 alterations should any changes
 in the course of our ~~conductors~~
 be found necessary. Please

Yours sincerely
 Wm. B. F. F. F. F.

Thomas A. Edison Construction Department Letterbook, LM-017

This letterbook covers the period December 1883-January 1884. Many of the letters are by Edison. There is also correspondence by Samuel Insull and Alfred O. Tate. Most of Edison's letters are in the hand of Insull or Tate, acting as Edison's secretary. Included is correspondence relating to the purchase of supplies and equipment and to the payment of overdue bills. Some of the letters pertain to central stations in South America. There are also cost and profit estimates for central stations in Danbury, Connecticut; Louisville, Kentucky; and Haverstraw and Poughkeepsie, New York. Among the recipients are S. Bergmann & Co., the Electric Tube Company, and W. D. Rich. The spine is labeled "1883-1884" and is stamped "Letters No. 4. T. A. Edison Central Station Construction Department." The book contains 487 numbered pages and an index. Approximately 20 percent of the book has been filmed.

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347

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464

1824

A.
T. A. Edison
Central Station
Construction
Department

A
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Gaylord & Watson

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50.61.228.256.

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Williams H. M.
Wallerstein D.
Woodbury C.

363. 456

423

450

43

It's a little better than you
have different age machine
working in the old one.

1. We have significant to do
to prepare myself a training
in the way of the
to me and have with me.

[illegible]


The great point I want to give
is what the A. S. X. had along

7

danger of burning red.
the blood is directed right.

It is necessary to run the
new railway track
the station is also for the
1st of a new, complete
station in needed a
the new railway

Best of all - it has
been an open secret -
the fact that
it is going to be
done



Sleep 50

C. H. Cooke Esq
 Battle Creek
 Mich.

Dear Sir: we have your letter of the
 4th and send you today by
 express the books you require.

In relation to your Canoes
 of Auburn we mention the
 Academy of Music in the back
 of your book but fail to locate
 same in Canoes. It appears
 this place has as you felt
 so it is important it should
 not be overlooked -

In your Canoes you also
 mention Schack's Hotel and

Chc

refer to the last page of
your book for the number
of lights, when you have
omitted to note them.

This system of pure &
mentioning in your answers
an important checking and
referring to the last page
of your book for the number
of lights is a very bad
one and leads to numerous
errors and omissions and
we would advise your
discontinuing it.
Your obedient servant

~~etc~~
 are written in very faint
 lead pencil. Could you not
 make them with ink.
 Our mapman complains of
 their indistinctness.

Very truly Yours

Thos. A. Edison
 N. J.

John H. Pusey
 Pres.
 Electric Tube Co.
 65 Washington
 City

Dear Sir
 We enclose herewith
 Electrical Determination of Manufacture etc.
 upon which please base your bid for tubing
 in accordance with the lines on map
 you need have.

Your prompt attention will
 oblige
 Yours Very Respectfully

J. T. Edison
 Contract Dept.

F
N
12/8 3

Electrical Determination

Havenstran NY

Central Station in Block 8.

| Feeder / | Chassis | Central dist |
|----------|---------|--------------|
| | 7.7 | 2.1 |
| 1-B | | 2.5 |
| 1-C | | 2.4 |
| 1-D | | 2.5 |

Feeder 1/- @ 65,000 lbs
on 400 ft. in. mesh
till 9000 lbs

Total number of Lamps 558
@ 10 cps + 217 ohms.

Drop in chassis 3%
Drop in Feeder 7 1/2%

7th Dec 9

E. B. Mantindale Esq

Office of American Paper Pulley
Indianapolis

Ind

Dear Sir,

Referring to yours
of 4th inst we like the
Paper Pulley very well
indeed so far as our
limited tests have enabled
us to form any opinion

when you are ready
to supply them please
advise us

Yours truly
Phos. A. Edison

7th Dec 3

S. D. Eaton Esq
 President

Dear Sir,

Yours of 6th inst. is
 hand.

We have already
 canvassed Worcester
 Mr. Borden has had the
 maps for a long time past.
 New Orleans & Atlanta
 Canvasses are just finished
 & the maps will be pushed
 ahead. Galveston & Mobile
 are now being canvassed
 Dallas Sherman & Danville
 will be canvassed this

month. Boston Albany
 Providence ^{Marblehead} Springfield
 will be canvassed in
 January.

How about the up town
 District New York

James Smith

Phos. & Bacon Company

By Sam Smith

we have a canvasser in
 Marblehead territory & one
 in Shaw territory
 L.

W.S. Andrews Esq
Fall River

7th Dec 8

Dear Sir,
I understand that
the Books of Questions & Answers
are not being kept as
private as we would wish.
Will you please warn
your men as to this matter.

Yours truly

Sam Insull

Dec 7

Meigs Hodges, Son & Co
 Boston

Meigs

Dear Sir:

We desire to use in
 connection with our numerous
 Electric Light Control Stations
 throughout the country the
 Hardy Speed Indicators, and we
 have been informed that you are
 the American agents for the device.

If you have illustrated catalogues
 we should like to have one, showing
 price of the indicators. We would
 also like to have your best estimate
 on orders of 30 and over -

Yours truly

Thos. A. Edison Const. Co.

T. A. E.

Dec 10/ 3

Messrs Bergmann & Co
292 Ave B
City

Dear Sirs:

Our Nov 5th one sent you now
order at 3444 calling for the following :-

| | |
|--|-----|
| 5 meters for 12 lights | |
| 40 " " 25 " | |
| 10 Extra bottle plate rubber attachment for 12 light meter | |
| 10 " " " " " " " " | 25 |
| 10 " " " " " " " " | 50 |
| 10 " " " " " " " " | 100 |

all of which you were instructed to send to
Lawrence House.

We really feel very much annoyed
to find that you have not yet filled
even that portion of the above order
which calls for Extra bottle plate &c.

We are this morning in receipt

22
 I received from the Treasurer of the
 Lawrence Company complaining letter
 of the nonreceipt of the material
 in question; and in which he accuses
 me of being "unbusinesslike" for
 postponing his reply to such delay.

It is impossible to explain to him
 in a comprehensive manner the true
 cause of this situation, as it would
 not vindicate me in the slightest
 degree in his eyes and we simply
 have to bear the brunt of his complaint;
 notwithstanding the fact that we
 have done all in our power to
 hurry the shipment.

Furthermore you are keeping us

* 3

out of a large sum of money which
the Lawrence Company refuse to
pay until their orders for meters
are filled.

A week ago you stated
faintly that you would
ship 20 meters for 25 lights
on the 5th inst. but up to this
writing no invoice to them
has been recd by us.

We consider that our relations
are such as to allow us to
express better attention at your
hands and we sincerely trust
that in future it will not be

necessity for us to make complaints
of this character.

We fully appreciate the fact
that you are unable to fill
all orders at once, but a
single order placed with you
should certainly have
prompt attention before Dec. 10.
We shall be glad to know
how this order will be filled
and that you may advise the
Company -

Very respectfully,
John A. Edwards Controller
of the
New York Central

December 11th 3

A. S. Hunt
To Miss Eliza Whittier &
N. W. for Misses & Mr.
Whittier

Dear

Cannot see but lovely fire by the
hundred at Weddell's. Want more
show to this effect
Thos. A. Edwidge

Dec 11th 3

J. A. Hunt
To Miss Eliza Whittier &
Misses & Mr. W.
Whittier

Dear

Cannot see but
lovely fire by the
hundred
Thos. A. Edwidge

Dec 11/

W. H. A. R. C. H.

G. E. A. S. S. E. R. S.

M. A. S. S. E. R. S.

T. J. A. S. S. E. R. S.

T. J. A. S. S. E. R. S.

S. A. S. S. E. R. S.

December 11th

A. S. S. E. R. S.

Ohio Edison Co.

N. H. S. S. E. R. S.

S. A. S. S. E. R. S.

Do you mean main wires

in alley - If so it is

not in Contract -

Shall we make estimate

Yours S. S. E. R. S.

S. S. E. R. S.

Statement of Profits, Edwin Edwards, Jr.

For the year ending Dec 31, 1977

| | 1977 | 1976 | 1975 | 1974 |
|----------|------|------|------|------|
| 1. Gross | 2000 | 2000 | 2000 | 2000 |
| 2. Net | 1000 | 1000 | 1000 | 1000 |
| 3. Gross | 2000 | 2000 | 2000 | 2000 |
| 4. Net | 1000 | 1000 | 1000 | 1000 |
| 5. Gross | 2000 | 2000 | 2000 | 2000 |
| 6. Net | 1000 | 1000 | 1000 | 1000 |
| 7. Gross | 2000 | 2000 | 2000 | 2000 |
| 8. Net | 1000 | 1000 | 1000 | 1000 |



Dear my
 Jeffrey
 Edwin

It will take two
 weeks to get more
 for expansion.
 We can't keep one
 even there.
 Will send 2000 to
 complete. There is Edison
 10/7/77

Dec 12/8

Messrs Harris & Robinson
Hartford
Conn

Dear Sirs:

In relation to the last
estimate furnished you for the
installation of an Edison Electric
Light plant (Central Station System)
at Danbury Conn. and amounting
to \$25,166⁴⁰/₁₀₀ we beg to notify
you that it will hold good
for six days from date
hereof viz: the 18th of the pre. mt
month, after which it becomes
void. We regret that

2

we have to persevere this course
but the action is imperative
for our own protection.

Since the completion of
several plants by us results
have been attained which
necessitate our estimating
on a different basis from
that adopted by us heretofore,
hence we are compelled to
renew this notice to you,
and give you a reasonable
intimation of our intentions.

#3

In regard to this installation we should not, in any event, agree to complete the work this Fall. As you are aware, the Conductors are under-ground and owing to the rapid approach of heavy frosts we could only agree to do the best work possible while the winter lasts.

If you give us the

114

order for this plant in
accordance with our last
estimate within the allotted
time we will commence
work at once; otherwise
it will be necessary for
us to furnish you with
a fresh bid.

Very truly Yours

Thomas A. Edison

Dec 13th 3
 J^r Burn
 J^r J^r M^r Olin

Cost J^r J^r M^r Olin
 thirty seven hundred
 Eight & six dollars -
 Estimate mailed
 about November
 brought up
 C. J. & H. Olin

Dec 13th 3
 Assistant Secy
 Ohio Quarantine &
 Cincinnati O.

Cost J^r J^r M^r Olin
 thirty seven hundred
 and eighty eight dollars
 Estimate mailed Nov
 brought up
 J. O. & H. Olin

December 14 3

W. S. Andrews
70 Edison Electric Co.
Fall River, Mass

Is it possible to move dynamo
back eleven + three quarter in-
ches. Our Plans say. Engine
and Dynamos should be ten
feet centre to centre and they
have not been set properly
If you cant move dynamos
you must splice belts

Thos A Edison
L

Dec 11/11

Wm. K. Rich
 Gen. Recd. M^{rs}
 Kingston Pa

Mount Carmel change
 with east six hundred
 and forty one dollars
 over contract. Have
 your check paid. A. Edwards

Dec 11/11

Wm. K. Rich
 Gen. Recd. M^{rs}
 Mt. Carmel Pa

The change and
 addition to both
 side six hundred
 and forty one dollars
 and ninety one cents
 over present amount
 of \$1000.00.

One hundred and
 one dollars and
 one cent
 Paid to
 Wm. K. Rich

Dec 14

W.A. Rich
% Edwin E. M. M.
Angleton Pa

Sending checks today
re per your letter
with -; shall
we address you
at Angleton.
Thos A. Egan

Dec 14/1

W.A. Rich
% Edwin E. M. M.
Angleton Pa

Just received telegram
stating willingness
contract closed -
Particulars by mail
when you are your
address
Thos A. Egan

Dec 14
Henry B. Williams
Williamsport Pa

Have quick coast
location and high
Williamsport Lake.
We can do nothing
until we get to this.

Harriet C. Cady

Dec 14/1
Geo. & Rebecca
Grand St Station
Philadelphia

Have enjoyed
tonight. Had our
travellers morning
wine & salt
Mrs. A. Cady

Dec 15/19

ESTIMATE of Daily Running Expenses
E. E. ILLUMINATING CO.
Louisville Ky

| | |
|------------------------------------|--------|
| Wages | 420 |
| Chief Engineer | 40 |
| 2 Assistants | 60 |
| 2 Foremen | 20 |
| Electrician & Meter man & boy | 350 |
| 2 Regulator & Commutator Boys | 300 |
| Coal | 1150 |
| Oil & Grease | 150 |
| Brushes | 50 |
| Stationery | 10 |
| Insurance | 300 |
| Taxes | 200 |
| Meter supplies | 70 |
| Removing Ashes | 10 |
| Lamp oil | 240 |
| Water | 600 |
| Extra | 250 |
| Repairs | 150 |
| Gas & Oil | 20 |
| Truck man | 20 |
| Labort | 175 |
| Depreciation | 100 |
| E. E. I. Co. Property 12. per cent | 4200 |
| Total per day | 162.40 |
| Total per year | 30120 |

*This Estimate is based on
 an average of 18 1/2 hours running
 of 64000 lamps.*

Estimated Profits of E. E. W. Co. of Lancaster, Pa.

at .01¢ cents per hour per lamp. - 6000 lamps
burning an average of $4\frac{1}{2}$ hours per day.

| Yearly Receipts | Yearly Expenses | Net Profit after deducting Depreciation | Per Cent Return |
|----------------------------|--------------------|---|--------------------|
| \$108,000.- | \$30,126.- | \$77,874.- | 51% |
| at .01¢ per hour per lamp. | | | |
| \$6,400.- | \$0,126.- | \$6,274.- | 22% |

Capital \$250,000.-

Distributed as follows

| | |
|---------------------------------------|---------------------|
| Cost of Plant | 166,679.19 |
| Cost of land for Central Station | 11,000.- |
| Cash Payment to E. E. W. Co. | 12,500.- |
| Stock 20% to do do do | 50,000.- |
| Cash in Treasury for Current Expenses | 9,820.81 |
| | <u>\$250,000.00</u> |

Dec 15/03

Dec 17/3

W. J. Andrews

W. J. Andrews

Full River

others

Here when I shall go
Full River to state
Station. Have everything
running smoothly
but cannot get customers
to mains till after I
arrive.

15.

Thos. D. Edging

Heavy list of electrical
apparatus to be working
at C. J. [unclear]
[unclear]

M. J. [unclear]
of [unclear] & [unclear]
and [unclear]

2/17

Dec. 17th 3

Louis Glau
of Mrs J. M. Davis
Middletown, Del.

Mrs. Davis goes to
Face and tomorrow
night

A. C. Tate

Very
S. H. Miller
Write

These are your
thought. Advice by
all will if they
accept. I not be
with thought you
money of the line

Shirley

Dec 17/
 Count de Mollie
 chelle

Back my check
 6/11/12

number three twenty
 nine for one hundred
 dollars payable
 to J. H. Miller and
 date stamped with

Mar. 2. 1912

Dec 17
 W. B. Kirk
 G. E. E. & Co.
 Fall River
 Mass

those you ordered from
 material for paper
 building. Can we
 quote forty two hundred
 and ten dollars to
 include the freight and
 to some price suitable
 to you. A. E. E. & Co.

Dec 187
 J. D. Shaw
 His Fairchild's
 Amnerate C.

Midnighttown building is
 to be built -
 The quote nearly two hundred
 and ten dollar for each
 building as Reginald
 answer price is accepted
 as foundation are going on
 How do you?

Dec 187 3
 J. D. Shaw
 His Fairchild's
 Lawrence

Quotation is
 with two extra ten
 each fullers will
 be done today
 How do you?

Dec 18
 Wm. Rich
 Graham & Co
 Mayleton &
 &

Arrange for their
 building at 100
 they accept price
 same as addition

Wm. Rich
 Mayleton &
 &

As so at once
to Bellefonte Pa.
Answer ~~at~~

Wm. C. C. C.

Dec 18
L. A. K. K.
P. C. C. C. C. C.
In this C.
Why no answer to
my telegram of
yesterday asking
how soon you can
leave stopping
over you had sent
over to leave
party immediately

Dec 18

Wm. Andrews
Fall River
MassWe'd best
leave
last night.

Thos. A. Loring

Dec 187

Wm. Andrews
J. E. Mayo Co.
Fall River
MassArrange for truck
building at Diggs.
They accept same price
as elsewhere.

Wm. A. Loring

OUR BROTHER AND
SISTER

*List of Turns canvassed and to be
canvassed*

Grand Haven Mich
Hilledale "
Hydenville "
Hallsborough Penn.
Haworth Chumk do
Hattenville do
Hattaturn do
Lancaster do
Lewisburgh do
Milltown do
York do
Union City do
Hillsdale do
Sewanton do
Noblesville Mass
New Bedford do
New Orleans La.
Attanta La.
Chicope Mass.
Chicope Penn.
Danville Va.
Galveston Tex.
Dallas do
Ephraim do
Foster Mass.

Allsides Comm.
 at New York City
 Madison Sq. Dist
 57 St. or.
 Roundabout N.Y.
 Kingston N.Y.
 J. J. Fisher Mich.

T. A. EDWARDS
CONSTRUCTION BUREAU
95-FIFTH AVE.
NEW YORK

Contracts Closed to Dec. 1983

| LOCATION | Lights ESTIMATE | Lights IN DISTRICT | AMOUNT OF ESTIMATE | |
|-------------------------|--------------------|--------------------------|-----------------------|-----------|
| <i>Shamokin Pa.</i> | <i>8600</i> | | <i>19,209</i> | <i>-</i> |
| <i>Dorchester Mass</i> | <i>1600</i> | | <i>31,065</i> | <i>-</i> |
| <i>Logans Mass</i> | | | <i>21,111.00</i> | <i>-</i> |
| <i>Amherst Pa.</i> | <i>500</i> | | <i>11,000</i> | <i>-</i> |
| <i>Fall River Mass</i> | <i>1600</i> | | <i>41,809</i> | <i>88</i> |
| <i>Wilkesboro Pa.</i> | <i>800</i> | <i>843</i> | <i>16,767</i> | <i>27</i> |
| <i>Highlandtown O.</i> | <i>500</i> | <i>869</i> | <i>13,969</i> | <i>38</i> |
| <i>Williamstown Pa.</i> | <i>3200</i> | <i>4042</i> | <i>53,225</i> | <i>76</i> |
| <i>Legion O.</i> | <i>500</i> | <i>744</i> | <i>14,739</i> | <i>49</i> |
| <i>Levittown N.Y.</i> | <i>1600</i> | <i>2387</i> | <i>41,193</i> | <i>43</i> |
| <i>Jefferson O.</i> | <i>1000</i> | <i>1709</i> | <i>18,000</i> | <i>-</i> |
| <i>Wayleton Pa.</i> | <i>1300</i> | <i>1219</i> | <i>20,684</i> | <i>41</i> |
| <i>McKamee Pa.</i> | <i>800</i> | <i>669</i> | <i>14,000</i> | <i>-</i> |

Dec 29/3

Mr. A. E. Eason

Eason Electric Co

Fall River

Mass

I wrote to you, showing

the indicator lamps

which are equal

to the ~~one~~ service

now running

on my motor.

I hope to

Dec 29/3

Mr. A. E. Eason

Eason Electric Co

Fall River

Mass

Willimansport people

accept my apology for

our last determination

and new errors

Ed. Tate

December 26th

Mr. D. Dick
 of Union Pass, Wyo. Co.
 Bellefonte, Penna

Nothing done for the fire
 for Mr. Cunniff, Bellefonte
 by the State. Under today
 12-26
 Hon. A. Union

Dec 26/3
 Wm. A. Brownist Row
 Union Pass Wyo. Co.
 Williamsport Pa

Willow will not receive first
 payment on account
 contract. Waiting to order
 material. Can do nothing
 till we hear from you
 Reply, B

Chas. C. Edwards
 Jr

Dec 27th 93

This is to certify that P. B.
 Shaw may call upon me
 for forty one shares of the
 stock of the Edison Electric
 Illuminating Company of Sanbury
 Conn. at the rate of one
 hundred dollars per share
 any time within ninety
 days from date hereof.

T. A. Edison

Personal

Dec 27/83

W. D. Rich Esq, Supt
Tiffin Ohio

Dear Sir: The Williamsport
Company have not yet paid
in their first installment
on account of that installation
and Mr. Edison suggested to
me the advisability of writing
you to the effect that it
would be well for you
not to go too far ahead
with work there in
connection with letting

Page 3

Contracts for the erection and
of the building, nor the
purchase of material for
same. It is the duty of the building
committee to see that the work is done

As you are aware
this contract was executed
two weeks ago and if they
have so much trouble in
collecting their first assessment
we feel rather anxious
about the payment of our
second installment which
is twice the amount of
the first. We have

1st of the stockholders
 and are instituting inquiries
 with a view of establishing
 the extent of their responsibility
 and will advise you later
 as to the result.

Very truly, Robert government
J. L. Johnson

Col. Henry [unclear]
[unclear]
[unclear]

Estimate of Profits of E. E. Light Plant at Haverstram N.Y. 500 - 10% candles at 2 1/2¢ per candle for 1890

| Per 100 Candles | Yrly Receipts | Yrly Expenses | Net Profits per 100 candles | Per Cnly per Dollars |
|-------------------------------|---------------|---------------|-----------------------------------|-------------------------|
| 4 | 7500.- | 5906.- | 3594.- | 14 7/8 |
| 3 1/2 | 6562.50 | 5795.- | 2767.50 | 11 1/2 |
| 3 | 5625.- | 5684.- | 1941.- | 7 1/8 |
| 2 1/2 | 4687.50 | 5570.- | 117.50 | 4 1/8 |
| at 2 1/2¢ per candle for 1890 | | | | |
| 4 | 9000.- | 5906.- | 6094.- | 24 1/8 |
| 3 1/2 | 7875.- | 5795.- | 4080.- | 16 1/2 |
| 3 | 6750.- | 5684.- | 3066.- | 12 1/2 |
| 2 1/2 | 5625.- | 5570.- | 2055.- | 8 1/8 |

Capital 125000.-

Distribution
Cost of Plant
Land for Central Station (estimated)
Cash payment 5% to Light Co.
Stock 20

12/7/90 Remaining in Treasury

| |
|----------|
| 16100 24 |
| 1100 - |
| 1250 - |
| 20 - |
| 16467 6 |
| 5 - |

Dec 28/ 3

Frank S. Harr Esq
 Edison Electric Co
 Dumbury Pa.)

Dear Sir: In relation to the proposed extension of the Dumbury installation, we send you herewith a chart of the district and wish you would be kind enough to indicate in red pencil all lamps that are ^{to} present connected, also all you are likely to connect, on mains 2-P.C. and 2-B.C. also on what particular spot on which particular main each lamp is connected. Is the portion B--C correct?

7

Let me understand it, from
Feeder #2 north of our white
line you only have mains
2A and 2B Connected and you
wish to add on BC and A.C.
making 2B.C.A a closed System.

Kindly let us know the
size of mains 2B, 2A and
of Feeder #2: also how
many lamps (if any) supplied
by Feeder #2 outside of the
2B.C.A System.

We require this information
in order to make an accurate
electrical determination for the
proposed extension and

#3

Shall be pleased to hear
from you at your early
convenience -

Very truly Yours

Thos Edison Inventor

Edison

the or
not had
Oregan. O

The Resident Agent
Bryson and say we
have intended you
to say your mother
me in the other of
our little ones. We
are like very well.
But like them you
are for them.

Have him speak
agreements and others
has what you do.

Does a thing

Dec 31

Account of the
the Boston Hotel
No. 100 to 101
Piermont St

Original agreement
has not yet been
signed and when
it is done
-binding that now
done. We have now
been a long time

and it will be long
from now when will
the other one be
received that the
original agreement are
signed. There has
been no necessity
for thus delaying
the acceptance of

particulars.

one on the other
 of our side,
 answer back.
 There is a
 1831

with the
 Agria O
 (Agria O) say you have
 not yet signed
 up, and if it is
 not, then it is
 not. That all
 you can do is
 to say no.
 I am not sure

205

Office Free handout
Office of the
Mayor of New York

Office of the
Mayor of New York

Western Edition
Chicago

For the
Miss Q. Twenty eight

Miss Q. Twenty eight

12/31

Wm. B. Bradley Esq.
Fort Allen

Dear Sir,

I pleased to hear from
you as to the working of the
law getting water as in
the J. and A. Co.

You will also
keep some of the names
of lawyers who put in
exchange for better one
that at the expiration of
each month a contest will
may be furnished of course
be made.

I am awaiting your reply
to the first proposition.
Very Respectfully,
Wm. B. Bradley

Jan 2 3

The Electric Supply Co
17 Dry St.

We wish to obtain a
steel wire which will be capable of
stretching a thousand feet, and
of holding other wires fastened to
it. Can you send us a sample of
different sizes of this description of
wire which would be capable of doing
the work we mention.

Yours truly

Thos Edison Inventor

J. A. Smith

Jan 27 9

Fanato ellora Esq.
118 West 46th St
City

Dear Sir: We beg to enclose herewith our estimate of \$93 for the erection of an Edison Electric Light Central Station plant of 1000 lights capacity at the South American Market, and amounting to \$58,305 ⁷⁴/₁₀₀ -

The prices we quote are for goods boxed, F.O.B. New York. The Local South American Company must erect at their own expense and in addition to our figures, the building for Central Station, pole lines, furnish labor and do all

22

work in connection with the
Erection of the system according
 to our plans and specifications
 and under the supervision and
 to the satisfaction of our Experts.
 Also pay the freight on all material, tools, and other things from
 wherever they are to be used, and pay travelling
 expenses to & from South America
 of two Experts together with
 salary of same at the rate
 of \$250⁰⁰ per month each
 from date of leaving New York City
 of arrival in New York City.

Trusting that this estimate
 will meet your requirements
 we beg to remain,
 very truly yours

Thos. Edison & Co. N.Y.C.
 T. Edison

Jan 2

W. H. Seal. Esq.
Hyannis, Mass.
Dear Sir:

We beg to inform you
as there are still waiting information
in connection with the school you
and you could obtain some information
that you any definite date to return.

Yours Truly
Wm. A. Adams, Esq.
Sgt.

Jan 2

Wm. A. Adams, Esq.
Esq. Adams, Esq.
Esq. Adams, Esq.
Dear Sir:

We send you by this
mail one of my books in relation to the
the question has been answered before
and we should like to hear you like a
to his success in giving program.

Yours Truly
Wm. A. Adams, Esq.
Sgt.

Jan 2 3

Dr. Hughes &
ad. Hunt. Wm. & C.

Dear Sir. We have your letter of the 29th
inst and very glad to say the time have
been accorded to Mr. R. & I answer the map of
them as requested.

Yours Truly

Thomas A. Briggs, Director, Dept

by W. H. H.

Jan 2 3

Wm. B. Hunt & Wm. C.
Huntland St. C. G.

Dear Sir. In relation to the enclosure
letter from me of your agent with your
kindly give us and state that we may
receive the specimens of these two species
to your files. We were under the impression
that your letter was letter under the
condition mentioned in the letter. Then
the regular business letter.

Yours Truly

Thomas A. Briggs, Director, Dept

by W. H. H.

Jan 7 3

Gen Harris Esq
Maine State Humidity Co Belfast Me.
Dear Sir.

In reply to your letter of the
1st we beg to say that the Compt
forwarded to Belfast on the 1st of Dec
and they are at the present
a. We will have our eye on Belfast
on the evening of Jan 10 in a
wing Gen Dilly

Wm A. Edwards Esq to Dept

by Wm A. Edwards

Jan 7 3

Wm A. Edwards Esq
Maine State Humidity Co
Belfast.

We beg to acknowledge with
the receipt of your letter of the 1st inst
dated for Wm A. Edwards and the Maine
Machine Works. The former for \$1000 and
the latter for \$1000 we return limited
the Machine Works did only receipt
and also enclose receipt for amount on
account of your last order

Wm A. Edwards Esq

Wm A. Edwards Esq to Dept

by Wm A. Edwards

June 2 3

Ce. H. Bliss Esq. Superintendent
Chas. Light Co. Portland Ore. Charge
Dear Sir:

In reply to your letter of the
17th inst. in reference to Estimates for Machinery
We, are happy to say that we will send the
estimates during the course of a week

Yours Truly
Thos. A. Smith Esq. Portland, Me.
By Wm. H. Smith
J. H. Smith

June 2 2

Geo. Mullen Esq. Treas.
Chas. Electric Co. St. C. Hamilton. Me.
Dear Sir:

In reply to your postal card
of the 27th inst. we beg to say that the
Machinery in charge of the erection of our
pole line has a full set of pole running
tools. We have not shipped any of them as
yet. We cannot expect a case shipped at once
as we have your name that you want to
ship it. Yours Truly

Thos. A. Smith Esq. Portland, Me.
By Wm. H. Smith
J. H. Smith

Jan 5 3

C. H. Campbell Esq., Engineer
Cottis Ave., Brooklyn N.Y.

Dear Sir. Owing to the very irregular manner in which you attend to your duties and the great confusion which your inattention causes in connection with our work. I regret to say that I consider it necessary to suspend you without salary for the period of two weeks. I trust this will have a beneficial effect upon your future actions as well as your income greatly. I shall have to find another engineer to permanently fill the position you now hold.

Yours Truly,

Thos A Edison

Jan 31 "

Adm't. Secy
 The Union Hotel
 Corner 6 & Third St
 Cincinnati O.

Have been expecting you
 today. must arrange
 Rapid change with
 personally or by letter.
 Shall be advised you
 communicate reply
 Wm A. C. C. C.

Jan 8 #

D. B. Shaw, Esq.

Williamport, Pa.

Dear Sir

We send you by the same mail under separate cover Chart of Maitel Creek and Millsboro and in addition to supplying us with information in accordance with the annexed forms we wish you would be kind enough to look ~~for~~ over the proposed course of our street installation and let us have any suggestions which you may deem proper to make in regard to alterations. Please let us have information about Real Estate at the earliest possible moment as we wish to get the estimate out quickly.

Yours Truly

Thos. A. Edison Electric Dept.
by. Wm. H. Miller

Jan 21

J. H. Hopley Esq.
 Editor Lane C. East Record, &c.

Dear Sir

We are to day in receipt of a
 letter from Messrs. Bergmann & Co. in which
 they state that they have returned to you the
 Underclothes which were defective. With relation
 says, that these things were washed and not in
 good order. The ladies will need to wash them
 with better taking, and you must use better ink
 as there are the things which are not best.

Yours Truly
 Wm. A. Bergmann Esq. &c.

Jan 24 3

Messrs. Engemann & Co
299 Pine St City

Dear Sirs

We have receipt of a letter from
one of our electrical agents at Leipzig, in which
he says that the meter contains one to that point
by you was very carefully packed this volume you
received from Lawrence and we would like to
know if it was packed after its completion - if it
was forwarded to Leipzig just as it was received.

Yours Truly


Wm. A. Edwin Esq. Esq.

By 

519
Jas 2 8
Thos. D. Casavant Esq
of Edwin Clarke Ill. & Co. Ill. to
Dear Sir,

We have your letter of 1st inst.
and in reply beg to say that the order which
was we think passed by Congress at Annapolis
seems to be a thing which is much in doubt but
the Commission has to make it up.

We will send you a full description as we are doing
the standard just. All nations have given their bill
the creation of the currency of the air & we think
we think you will have enough to send us and
the balance will be sent forward to the earliest
possible moment. The temporary forms were printed
on the 1st inst. also July 1st. We note that in
future you will use such correct instead of mine
Yours

Yours Truly
Thos. D. Casavant Esq. Per
4 

Jan 30 3

Mr. L. Anderson Esq.

Dist. Counsel Pa.

Dear Sir

The reply to your letter of Dec 1st
dated at Lippincott's I beg to say that it will be
impossible for me to go to that point and start a
station

Yours Truly

John A. Edwards

by Edwards

Paris 3

Messrs. Marble & Hall.

103 Cassville St Detroit Mich.

Dear Sirs

We have your letter of the 11th in reference to the overlight plant for Lexington Mich and in reply we beg to say that it would be impossible for us to make an estimate for an installation at that point unless we had a survey made in the regular way. Furthermore we should not agree to allow the local Co. to put up their own buildings or employ their own builders. It is our desire to do all work in connection with construction of your plants as our experience has been that when the local people take a hand in the construction of these plants, it proves disastrous to them and to us. In several instances we have allowed them to erect their own buildings and the result has been that in future we will not make any contracts where all the work is not done by ourselves and our standard machinery used. We return herewith Mr. Cox, Beaumont Letter and check.

Yours Truly
 Geo. A. Edmister, Engineer, Dept. of
 Ag. & Forests, U.S. Forest Service
 If you want Crookes
 make inquiry at the
 U.S. Forest Service, St. C. to authority
 or to the U.S.

Jan 8 3

H. M. Doubleday Esq
 Essex St. Ill. Co. Fall River.

Dear Sir,
 Mr. Essex writes you to ask Mr
 Doubleday to show you three or four offices where you
 can get at the meters and where they have half a
 dozen lights, and want you to turn on the lights and
 read the meters for about 20 minutes and from that
 you will be able to get the price per hour and
 average it up.

Yours Truly,

Thos. A. Essex, Electric Dept

by W. H. H.

Jan 5

W. H. Dunlap Jr. Esq. New

Dear Sir

In reply to your letter of the 1st we beg to say that these bills should read commencing standard lamp hour. at a rent and a quarter per lamp hour. You will make a great mistake if you call your light for anything less than the rent and a quarter per hour per candle. As we understand from your letter that you do not want to use these forms on account of the statement in them to the effect that the ten candle lamp burning one hour represents one standard lamp hour. Are you not burning your lamp, pretty high?

Yours Truly

Wm. A. Spear, Secretary Dept
of Law & Equity

M. Wick 1/5
 4-5-5 all to
 Cignia &
 4

Go to Williamson's
 and get all work
 contract cancelled

D. A. Edison

of. Please back

E. & L. E. & T. Jan 9 4
 E. & L. E. & T.
 Lawrence Mass

Dear Sir: we beg to attach detailed
 statements of A. C. against your
 Company for supplies not ordered
 by our contract with that
 Corporation the greater portion
 of which is for services and
 tools for use in connection
 with your underground system.

In this A. C. we have
 included on 'S' dynamo
 which was shipped you

117.
 We will send me attach
 another bill for the 1st
 machine which was promised
 to you about Dec 27th/13.
 These dynamos amount to
 a little over \$1600.

In relation to meters
 as the list specified in
 your order of 1st was devoted
 from our meters of different capacity
 supplied we have simply
 shown the cost of what
 you got and deducted
 therefrom the amount we
 allowed for meters in the

#3

the core mentioned order -
 There is a difference of
 $\$143.47\frac{1}{2}$ The 15 six light
 meters were supplied in
 excess of the above.

In addition to the bill herewith
 presented there is about \$2000
 due on your first order.

We include the 'S' dynamo
 in these statements as they do
 not come under the terms
 of our contract - not being a
 portion thereof.

on Saturday next I have
 very much to see to & am
 not well. You would kindly
 send me tomorrow for closure

D. P. H.

for that amount, or as near
that amount as possible.

Also he tried enough to
Gammie and Bill, and any
explanations you desire we will
be happy to give.

Very truly, Yours

Thos A Edison

Electric Fish Co.
65 Market St.
City

July 10 "

Dear Sir,
We send herewith
the print and determination of
the fish, etc. you asked for.
We are also sending you
the plates which estimate
the underground conductance and
the which enclosures and

Yours very truly
J. A. E. E. E.
C. A. E. E. E.

July 12 "

June 2 Estimate

1. Milwaukee
2. Chicago
3. Milwaukee
4. Portville
5. Oshkosh
6. Minn. City
7. York
8. Milwaukee
9. Green Bay
10. Dayton
11. Portville

Please have Estimate made
as nearly in accordance
with this as maps and
determinations will permit

Respectfully

Thos. C. E. E. E. E.

W. C. Smith & Co.
1000.

and all other men
and women 450

(11.5% per day) 2% per day

| New Querry | Gravel Querry | Gravel Querry | Gravel Querry |
|------------|---------------|---------------|---------------|
| 12 | 42,000.- | 16,311.- | 55,689.- |
| 10 | 60,000.- | 16,311.- | 48,689.- |
| 8 | 48,000.- | 16,311.- | 31,689.- |

1000 sample at 0.2% per sample

King of the South American
W. C. Smith

1000
16,311

10/10/84

10/10/84

as net receipts would pay
a good percentage on anything
under \$ 100,000⁰⁰

We also send you plan of
the building for Centos station
the cost of which in the country
would be about \$2500 ⁰⁰/₁₀₀ and
the time of erection about six
days. Sending this data, will not

our requirements - Hoping you will,

4. *Asperula cynosuroides* L.

Kenney

Sancti Mon. 1487 1488

Search: We have provisions

enclosing herewith the data you requested
 in regard to possible flights &
 estimated daily running expenses of the
 plant at the South American market.

We did not work out the percent
for Chilod as we do not know

*3

would be very happy to
furnish the best to remain
Yours very truly

Thos. A. Edison Constant Dept

J. B. White

Jan 10/3

E. B. Hubbard Esq Secy
The Tiffin Edison Electric Co
Tiffin C.

Dear Sir: We are in receipt of your
favor of 7th inst, and are not
your objections to remitting us the
second payment now due on
account of the Tiffin installation.
We recognize the fact, and
with much regret, that delays
have occurred in the shipment
of your material but would
express upon you that we were
but indirectly responsible.
We do not say this in order
to shift the blame for these
delays as we are the parties

2

you look to, but under the circumstances we think you should have an explanation and we trust you will recognize the motive which impels us to offer the following:-

The chief source of delay has been in connection with material ordered from Messrs Bergmann & Co., who, notwithstanding our numerous calls upon them could not fill our orders with any degree of promptness.

The cause of this was that they had an insufficient force and we experienced these delays not alone with your installation but with others

3

we have in hand at the present time, Messrs Bergmann & Co have recently added largely to their corps of ~~operatives~~ & are working at night and we congratulate ourselves upon having at last remedied that difficulty.

Your orders for service wire were placed with the ~~Amoria~~ Innes & Copper Co., from whom we purchase all such supplies, immediately upon their reception in this office & we have each day communicated with them in regard to shipping quickly - At this writing all your orders with Messrs Bergmann

#4

Co and the Luxonia Brass and Copper Co. have been shipped and the former parties have despatched the balance of our supplies.

In regard to the reading of our contract "when the installation is ready to supply light" we beg to say that it is not necessary for your installation to be complete at this juncture, in order for our payment to be due - The station is not handed over to you for thirty days after it is ready to supply light and at this

5

latter period your system
should be complete.

We arranged this second
payment in order to finance
properly in connection with
the installation and meet those
bills which matured before a
final settlement was made.

Of course if there were any
serious defects or omissions
in connection with your
installation you would be
justified in delaying payment
but we do not consider it
equitable for you to retain
thirteen thousand five hundred

*6

dollars because material,
which at the outside will
not aggregate three hundred
dollars, has not been received.
Do you?

This second payment is
\$9000⁰⁰ and after remitting
this you still hold \$4500⁰⁰
and we think that this is
sufficient to allow you to
safely discuss any points
about which you desire
Explanation.

We trust you will
very kindly reconsider this

#7

matter as we really need the
funds and if you think
favorably of our explanation
we should be glad to have
your check on receipt of
this letter -

Waiting your reply
we beg to remain
Yours very truly

Thos. A. Edison

Jan'y 11 4

Electric Tube Co.
65 Washington St.
City

Dear Sirs

We send herewith
under separate cover map and
determinations of Louisville Ky.
upon you will please make
and submit estimate at
the earliest possible moment
and advise us.

Yours truly Respy.

E. C. Bacon
and wife

Estimate of Profits at

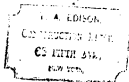
1000 Lamps at 100¢ per Lamp per Hour

| Rate | Hours | Cost | Profits | Per Cent |
|------|--------|---------|---------|----------|
| 1/2 | 1075- | 72 90- | 98 65- | 23 1/2% |
| 1 | 1500- | 104 45- | 145 55- | 20 1/2% |
| 3/4 | 18125- | 136 00- | 177 25- | 16 1/2% |
| 5/8 | 21250- | 167 45- | 208 55- | 12 1/2% |

At 100¢ per Lamp per Hour

| Rate | Hours | Cost | Profits | Per Cent |
|------|--------|---------|---------|----------|
| 1/2 | 1075- | 72 90- | 98 65- | 15 1/2% |
| 1 | 1500- | 104 45- | 145 55- | 11 1/2% |
| 3/4 | 18125- | 136 00- | 177 25- | 9 1/2% |
| 5/8 | 21250- | 167 45- | 208 55- | 8 1/2% |

Capital 242,000



Jan 11/ 4

W. H. Dively Esq Treas
 Edison Elec Mfg Co
 Fall River
Mass

Dear Sir:

In relation to our Fall
 River contract, and also in
 regard to the final payment
 which will be due on the 20th
 of this month, we should
 like very much to know if
 there are any points about
 your installation which are
 not altogether satisfactory.

Kindly allow us to explain
 our reason for asking this.
 At the dates when

3

Payments of this nature are due we made certain pledges in connection with the liquidation of claims for supplies furnished and labor performed during the execution of work.

When these payments are not made on the days they are due it puts us to very serious inconveniences and hinders our calculations at all.

~~Now~~ To illustrate this we might mention an instance which occurred recently - a payment on one of our

" 3

Contracts came due & amounted
to \$4000⁰⁰ - On account of
the non receipt of about
\$300 worth of meters the parties
refused to send their check
notwithstanding the fact that
after remitting the above \$4000
they still would have \$5000
of our money.

Our object in thus advising
you is to bring to the surface
and discuss any points with
you before the final payment
falls due as we have made
arrangements which we desire

92

of accounts to meet with our
last payment or Fall River

Your Company has been
most exceptionally considerate
in regard to payments and
we beg to take this opportunity
of thanking you both personally
and as Treasurer of your Company
for the pleasant and efficient
manner in which you have
conducted your dealings with
us.

We need not say that
in laying this matter before

85
we feel satisfied that you will
immediately recognize our
motion and lend us your
very kind assistance to have
any matters you think require
adjustment adjusted before
this last payment matures.
We beg to remain

Very truly Yrs.

Thos A. Facon

Jan 14/44
 W. J. Edwards Esq
 Essex St. N.Y.C.
 Washington Pa
 Dear Sir
 I have no good time
 to write you
 Yours truly
 W. J. Edwards

Jan 14/44
 W. J. Edwards Esq
 Essex St. N.Y.C.
 At St. Edmund
 Dear Sir, I have no time
 to write you
 Yours truly
 W. J. Edwards

Journal Jan 19 3

C. A. Ford Esq
Edison Ave N.Y.C.
Lawrence Esq

Dear Sir: We beg to acknowledge with
very many thanks receipt of your
letter of 10th inst enclosing cheque
for \$2000. as requested.

In regard to the \$400 sent
you we will deal with it
later. What we now desire
to deal with is your remark
to the effect that we have had
feeling against you, and your
request for a frank statement
as to why you should be
treated differently from any one

271

Edu.

Prior to our letter of Dec.
 15th/83 addressed to you, we had
 received several letters from
 you in which you made and
 repeated the request to "use you
 fairly". As far as we knew
 the only questions which were
 under discussion were the delay
 you had met with in the
 commencement of work at
 Lawrence and the connection
 between our suspected and one
 of your boilers. The idea
 however suggested itself to

#3

us that probably there were other matters that had not been brought to our attention, owing to the fact that Attchell had been conducting the correspondence of this Department before his departure for Europe on Dec 11th.

We therefore asked you in our letter of Dec 15th - referred to in the foregoing, to give us a statement of all the points wherein we had failed and our intention was to take immediate steps to

#11

make the Lawrence installation,
as far as lay in our power,
as perfect in all respects
as any other plants in operation.
He had just had some of
the new pressure indicators
made and told you that we
would in a few days supply
you with them. He did
supply you with them as
quickly as was possible.

Your letter of Dec 22nd
arrived in response to
ours of the 15th and we

#5

Can assure you that we
never were more surprised.
 Reading it again at this late
 date we find it difficult to
 believe, even in the face of
 the most convincing proof - your
 own handwriting, that Mr
 Lord was the author.

That you should overstep the
 bounds of courtesy and administer
 such a scold at a time when
 our earnest and sincere intention
 was to ~~being~~ rectify as far as
 lay in our power all points

6

wherein ^{we} were ~~was~~ at fault
 either directly or indirectly,
 is a matter we do not wish
 to comment upon but desire
 to forget.

Without endeavoring to shift
 upon others matters for which
 you hold us responsible you
 will probably be kind enough
 to permit us to make a
 few explanations, which would
 not be accepted as satisfactory
 from a business point of view,
 yet, as we have made this

27

a personal letter, may prove slightly interesting to you, -

Pardon us for again referring to your letter of December 23rd - It will be the last time we shall do so -

You complain therein about your writers coming along in piecemeal lots.

About a week ago the second ~~month~~ payment on account of our Tiffin installation was due, as the station had been started and was supplying light. We asked the Tiffin

8

Company to send us their check promptly as we needed funds and the following quotation embodies their reason for withholding the payment -

- " although our station may in a
- " sense be ready to supply light
- " Yet we are short a large number
- " of meters and supplies for house
- " wiring and we have no one to
- " supply light to and are therefore
- " do not think the payment is
- " due until these articles are
- " received."

These supplies are being
furnished by Messrs. Bergmann

9

and Co. and indeed so serious ~~and~~ and numerous were these complaints on account of the firms' lack of despatch in shipping material, that we had to tell them we would refuse to close any more contracts unless they remedied the evil. They have now nearly doubled their force and are working at night with most satisfactory results.

In regard to Mr. Oakley, he was recommended very highly

#10

to us by the Isolated Coy. - He had been in their service in Roselle - He proved useless for our business and we discharged him as soon as he had established the fact of his incompetency - We judged him by his work at Lawrence.

We fear you too often overlook the fact that we are all only commencing to learn the rudiments of this business - It covers more ground and requires more

* 11

study & exhaustive application
than any other enterprise we
know of and in proceeding
to make a commercial success
of a business of this kind
it cannot be expected to go
ahead with the clockwork
regularity of an Established
business.

We can assure you
that nothing was or is
further from our thoughts
than personal feeling ~~for~~

#12

and we trust the same is
the case with You.

We are still ready and
willing to do all we intended
to do as explained in this
letter, after we receive such
information as will enable
us to go about it -

We beg to remain

Very truly Yours

Thos. C. Edison

Th

Thos Edison

Jan 15/4
Dear Mr. May
I have the pleasure
to hear of the
National Convention
I should be very
glad to see you
at the Convention
I am, Sir, Yours
Truly
J. W. May

January 18 47
Electric Light Co.
Washington D.C.

gentleman We are wishing
you a happy O. And the first day
of the winter please write to
us as to the next length of
them, they are still found as before
on order 1992.

Jan'y 16. 4

H. M. Doubleday Esq.
Fall River
Mass

Dear Sir

In reply to your favor of 12th beg to state that the deficiency in 100 light meters will be attended to at once and possibly forwarded this week.

You will please forward to us care Remondet & Co. this city 3 25 light meters which were forwarded in excess of the requirements of our contract, and we will in exchange send back the 100 light meters which is called for by the contract.

In relation to the eight feet play switches to be returned, have ordered V 18 as decided which will be promptly forwarded.

Very Resp^{ly}

J. A. Edison

Contract Dept

January 16. 4

Messrs Bergmann & Co.
292 Ave B.

City Gentlemen

We are notified from
T. J. O. that the safety catch holders
for the pole line are $7\frac{1}{2}$ " between - lead
safety catch holder screws - consequently
the leads will not fit they being but $3\frac{1}{2}$ "
length over all. what can be done in
pursuance to remedy the defect?

We are advised that the Fall River
station is short a number of clips
this and we find that you have an unfilled
order #630 for this station when will it be
filled - also when will Lightning arresters and
insulated clips as well as remainder of
the service on order be forwarded?

A reply by letter will oblige

Yours Very Truly
J. A. Edison
Constn. Dept

U. S. 4
Messrs. Bergmann & Co.

292 Ave. B.

City

Gentlemen

The Electric Tube Co. will
send you today 90 Safety Catch leads on
order #829 - to which you will attach
copper terminals for the Tiffin station
which please put in hand immediately
upon arrival and forward per Express
at the earliest possible moment

The catch holders are as
stated in our communication of this A.M.
about 7" between binding screws.

Your immediate and undivided
attention to this matter will greatly
oblige
Yours Very Truly

J. F. Horicon
June 2

July 16 44

Amosia Green & Co.
19 Cliff St.
City

Gentlemen

We are particularly
desirous of learning something, positive
as regards shipment, of our order 706
#792 & 795.

We were informed at the time
these orders were sent you on the 1st
inst. that you would advise us as
to the probable date of shipment when
you could hear from Factory but at
present writing we remain in ignorance
of this fact which you certainly have
had time to acquire. As it is of
the utmost importance that this

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facts be made known to us at once that we may properly govern the movements of our men on the road and thus keep our expenses within reasonable bounds. the delay at Bellefonte has seriously interfered with our completion of the station and we certainly have cause to complain of this seemingly unnecessary delay. and we have as a last resort been obliged to procure wire for this station from the Isolated Co. you will therefore please forward the 12, 14, 04 & pay for cable on order #786 to John H. G. Benzmann & Co. 292 Ave. B and the remainder of the order as specified thereon at the earliest possible moment.

Trusting we may be favored by a prompt Reply we are
Yours very truly
J. S. Edison Const. Dept.

Jan 16, 11

Electric Tube Co.
65 Washington St.
City

Gentlemen

We send herewith
under separate cover Map & Electrical
Estimates of Auburn N.Y. upon
which you will please submit
estimate for underground conductors
at the earliest possible moment and
Oblig

Yours Very Resp.
J. P. Brown
Contract Dept.

Thomas A. Edison Construction Department Letterbook, LM-018

This letterbook covers the period January-April 1884. Many of the letters are by Edison. There is also correspondence by John R. Campbell and Samuel Insull. Most of Edison's letters are in the hand of Campbell or Insull, acting as Edison's secretary. Included is correspondence relating to the purchase of supplies and equipment and to the payment of overdue bills. Some of the letters pertain to the construction of a central station in Newburgh, New York. There is also a list of central station contracts and several cost and profit estimates for various stations. Among the recipients are William S. Andrews, S. Bergmann & Co., the Edison Lamp Company, the Edison Machine Works, Frank J. Sprague, and the Western Edison Light Company. The spine is labeled "1884" and is stamped "Letters No. 5. T.A. Edison. Central Station Construction Department." The book contains 492 numbered pages and an index. Approximately 40 percent of the book has been filmed.

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Jan 11/8

Lt Gardner to James E. C.
 Channing & Sons Esq
 Providence R.I.

My Dear Sir: In reference to the
 conversation we had with you
 today during which we mentioned
 that the American Refractory Co.
 as a 2000 and that they were
 paying off their legal debts
 against this amount, we inc'd
 annex hereto a copy of a
 resolution which was passed
 at a meeting of the Directors
 of that Company on January

last to me.

Will you very kindly write
me a few more statements
of the ~~work~~ in the ~~language~~
of the ~~figures~~ as ~~very~~ ~~much~~
as this morning -

In the language of ~~the~~
which this ~~language~~ is becoming
more and more the better ~~that~~
it now ~~is~~ ~~to~~ ~~write~~ ~~and~~
it of ~~the~~ ~~assistance~~ ~~to~~ ~~us~~
in ~~replying~~ ~~to~~ ~~the~~ ~~translation~~.

Very truly yours
H. A. L. L.

1 1880

Edward J. ^{Wint} ~~Wint~~ ^{to} ~~to~~ ^{back} ~~back~~ ^{day} ~~day~~
Lamor Ave

[illegible]

June 17th

Messrs. Cunningham & Co.

292 City

Gentlemen

We have a number of
Hampshire hampers and for
for delivery at R. a price of
which I have been shipped for
will therefore please consider the
order as far as it refers to
these telegraphic fixtures, as I
find they will not be needed
and oblige Yours truly

J. H. Edwards
C. H. Edwards

June 17th

Wm. McIlroy Esq.
Canton, Mass.

Dear Sir:

I have your bundle
of a pair of oiled shoes. It is
very well as is the
and exchange with
even you find out about
they were the material.
If you will get a small
last pair are well than
some inches the size -
Yours truly

J. H. Edwards

January 17, 1905

Spencer Gordon Ellery
New England Electric
Edison Electric Co
Boston Mass

Dear Sir:

I send you herewith
Estimate, specification of building,
plan of district and contract for
the installation of an Edison Electric
Light Central Station plant of
3200 lights capacity at
Norchester Mass. the said
Estimate amounting to \$ 74005.⁷⁵/₁₀₀
This Estimate is based on the
present value of labor and
material and we hold ourselves

ready to close it on the terms
stated at any time within
sixty days from date hereof
but not after.

The local Company in
executing the contract for
the installation of the plant
should be careful to comply
with the laws of the state
of Massachusetts.

A meeting of the board
of Directors should be
called and a resolution passed
directing the officers and

+3

therein (usually the President and Treasurer) to sign the contract on behalf of the Corporation and affix thereto the corporate seal.

Care should also be taken to have the officers signing the contract acknowledge it before some officer authorized by law to take acknowledgements and administer oaths and in the acknowledgment should be incorporated an affidavit by the

F4

officers that they signed
the Contract and affixed
to it the Corporate Seal
under and by virtue of
a resolution of the Board
of Directors authorizing
them so to do; the
form of the acknowledgments
to be such as is
required by the laws
of your State.

The acknowledgments

45

should be written on
the blank pages
annexed to the Contract.
We do not regard the
Contract as binding upon
us until it is ^{re-}viewed
here properly executed
together with a certified
check for the amount
required to be paid
upon its execution.
On receipt of the

#6

Contract executed by the
Company we will return
a duplicate signed.

The plan of the Hotel
Station Building showing
the proposed arrangement
will be sent you by
first mail on Monday.

The report having had
to delay the Estimate
it having been promised
some days ago but

#7

trust that it will be
found satisfactory &
be ^{of} to remain
very truly yours.

Thomas A. Edison

Jan 21/3
 John Henry Esq
 The Public Co
 City
 Dear Sir

We send you
 herewith duplicate copies
 of application to the Customs
 kindly send up
 your bids as early as
 possible & oblige

Yours truly
 Thomas Henry Cartledge
 by W. H. H.

2nd Jan., 1911.

Electrical Determination of Upsilon₁ Alt. -
Central Filament in Block #.

| Feeder 1/. | main. | Practical size. |
|------------|-------|-----------------|
| | 1-A. | *5. |
| | 1-B. | *1. |
| | 1-C. | *6. |
| | 1-D. | *7. |
| | F.E. | *10. |

Feeder 1/- 105,000 ft. (on 400 ft. of lead).

Total number of Lamps 1057 + 217 = 1274

Drop in Pressure 800 ft. 3
to main 300 ft. 2

B.2nd January 4.

Electrical Determination of Auburn St. Ry.
 Central Station in Block # 1.

| Feeder 1/. | Rating. | Practical size. |
|------------|---------|-----------------|
| | 1- C. | * 0000. |
| | 1- A-B. | + 2. |
| | A-J. | + 2. |
| | 1-D. | + 3. |
| | | + 3. |
| | 1-E. | 133,000 d.c.u. |
| | 1-F. | 20. |
| | 1-G. | |

Feeder 1/. 500,000 d.c.u. (max of dist.).

Total number of Lamps 1985.
 1000 + 200 others.

Drop in Feeder 55 ft. $\frac{7}{8}$
 in Main 24 ft. $\frac{7}{8}$

3
3
3

See Appendix.

Jan'y 22 "

W. S. Andrews Esq.
of E. & F. M. Co.
Attorney General.
Pa.

Dear Sir

In reply to your favor
of 21st would state that the other two
books have since been forwarded. The first
volume is now at the printing press and will
be forwarded as soon as it is ready. It will
be forwarded to all persons with the two other
volumes also. Enclosed is a copy
of the first volume, and in the matter
of the first volume, has informed the
author of your wishes, and trust the present
difficulty will be cleared up.

As to the matter of the
to please confer with the book on the subject
and I have no doubt it will be satisfactorily
explained. The Engineer's tools for this station
were omitted from the estimate at the request
of the Local Co. all the appliances called for

by the contract have been supplied from
 there, any other supplies they will have to
 furnish.

Very Respy.

J. A. Edison

Contract Dept.

P.S. - Please return the broken oil
 at Hallowell in exchange for perfectly
 good oiling lamp.

July 23^d " 1892

Albion, August 1st
290 Ave. C.

At

Continued

We are in receipt of a communication from an Mr. H. S. Anderson in which he states that the plug switches on Lamp boards for Fairbanks are too small and should be at least half as large again to cut off 25 lamps. will you please forward this to the proper department.

In the other hand of fifteen lamps for electric power to power the small night attached plug switches set on separate bases than [switches]. the same style as usually made.

We are also informed that on order No. 100 but one pair of dimensions straps have been received, please send the other pair, they have evidently been omitted in packing.

Your attention to this alone will greatly oblige.

Yours Very Respectfully

J. A. Edison

Jan. 22. 4

W. L. Doubleday Esq
Fall River Mass.

Dear Sir

We are in receipt of your favor of 19th inst. and in reply would state that the goods shipped 14th inst. includes all the extra bottles called for by our contract.

If you will kindly supply us with an itemized statement as to the number of complete meters you now have on hand, including bottles belonging to them we will endeavor to comply with the terms of our agreement with that Co. our books show it entire.

We fail to understand your allusion to 96 bottles for 6-12 light meters but may perhaps come

to some definite understanding of the
 matter upon receipt of the information
 asked for.

Check for expense &c as rendered
 will be forwarded today under separate
 enclosure.

Awaiting an early reply are
 Yours &c

P. A. Edeson
 Const. Dept.

January 23rd 1887

Electric Tube Co.
65 Washington St.
City

Gentlemen

We send herewith
under separate cover Map and
Electrical Determination of
Spacings etc. etc. for the
few well placed sub-stations
of underground conductors at
your excellent convenience and to
facilitate your very ready.

J. C. & E. H.
Crescent Works

Jan. 23rd
Dunham & Davis
Presidents
P. D.
Will order acknowledgment
of your mail post to
order.

J. C. & E. H.
Crescent Works

June 23rd *

Charles Remondet
Esq. aka B.
City

Gentlemen

As we are in receipt
of your postal card of 1st inst
requesting us to ship
of 1000 lbs. together with
1000 lbs. of this is and
will be sent here and at
great writing has arrived
Please investigate and
advise

Yours Very Truly
J. C. Edward
C. H. Edwards
C. H. Edwards

June 23rd
Dr. J. C. Edwards
Esq. aka B.
City

As requested
find below list of letters and
amounts of money in
warrant of interest as well as
number of letters which
stand for each letter
Fall 1882 class 2 - 800 each Days 266

Letters Pa. 2 - 400 - D. 843
Shipping City 2 - 800 - D. 2387
McDonald Pa. 2 - 250 - D. 689
Meyler Pa. 2 - 500 - D. 1219
Meyler Pa. 2 - 250 - D. 1879
Tiffin D. 2 - 500 - D. 1707
Meyler Pa. 2 - 250 - D. 1707

C. H. Edwards
C. H. Edwards
C. H. Edwards

July 28 "

Electric Tel. Co.
Washington D.C.

My Dear Sir -

We are herewith sending
separate cost and electrical determinations
of Southbridge others for which you will please
submit soon as possible estimate for under-
ground construction and other

Yours Very Respy.

J. A. Edison
Circuit Dept.

A.

July 23rd 4

Electrical Determinations of
 Southbridge Mass.
 Central Station in Block #3

| | cellars | Practical days |
|------------|---------------|----------------|
| Feeder 1/- | 1- A. | #7 |
| | 1- B. | #2 |
| | 1- C. | #5 |
| | 1- D. | #8 |
| | 1- E. & F. G. | 105,000 ft. |

Feeder 1/- 105,000 ft.

Total number of Lamps 662
 10 exp. & 217 others.

not exp in Feeder E
 217 . . . cellars

2 wire system.

Jan 23 4
Electrical Determinations - Dakota Plate

Determinations A. - 40 % of lamps

| | Main | Practical Calc. |
|-----------|------|-----------------|
| Feeder 1/ | 1-ft | 535 500 ft |
| | 1-K. | 2 0000 drop |

| | | |
|-----------|--------|-----------------|
| Feeder 2/ | 2 - 1/ | } # 2 1/2 Tube. |
| | 2 - B | |
| | 2 - C | |
| | 2 - D | |

| | | |
|-----------|-------------------|------------|
| Feeder 1/ | # 2 Tube. | drop 6.40% |
| 2/ | # Two # 1/2 Tube. | 1.9% |

In using German silver resistances on one branch
of Feeder 2 of 200 ohms, 108" wide & 40 ft long
the drop will then be 6.40% as in Feeder 1/

Total number of lamps 3760.

Drop in mains 16 cp. 140 ohms.
30% Σ

Determinations 8. 6% of Lamps.

Feeder 1/- Mania
1-ft.
1-K-

Practical Exp.

#2 Tube.

311,700 qrs.

Feeder 2/- 2-A
2-B
2-C
2-D

}

#1 1/2 Tube.

Feeder 1/- Two #2 1/2 Tubes drop 6.2%
" 2/- Three #1 " 1.5%

In using German Silver Resistances on one
branch of Feeder 2/- of 1/2" thick 237 wire
1440 ft Long the drop will then be 6.2% as in
Feeder 1/.

Total number of Lamps 5640-

16% of 1440 ohms.

Drop in Mania 3 1/2%

Jan^y 23^d 4

Electric Tube Co.
65 Washington St.
City

Gentlemen

From enclosed map
and determination of Dakota Flats, please
submit estimate of cost of underground
conductors at your earliest convenience
and oblige

Yours Very Resp^{ly}

J. A. Edison

Const^l Dept^y

Paine

May 25

7

Jaffaravis

Dear Sir,

The coffee

as compared to the loss, this business
is to run for many years, and no mistake.

of your troubles come from being "too
quick" while it may seem cautious

should be made to save a month or so,

to you our experience has shown that
it is better for many reasons not to

It is King's funeral haste that destroys;

our methods of procedure and makes

were a single place before the station is

one think that we have a poor system

ready, in every instance where local

we are not prepared for it because we
do not believe in the method,

people wanted to push ahead, so many
mistakes were made and so much extra
expense occurred that the little gain
in receipts at first was nothing as

Yours Truly,

James A. Brien

W.D. Rickby Jan 24 +
 Hazelton Pa

Dear Sir:

By tonight's mail we
 sent to you at Newburg boiler
 plan and plan of dynamo
 wood frames. Estimate of
 plant will be sent you
 as soon as we can get copy
 made - tomorrow -
 Asbestos packing ordered forward -
 We are glad things are
 at last going to progress
 in Newburg - Rush them
 very truly
 Yours &c
 W.D. Rickby

July 25th 4

Mr. Belknap Esq Secy
Custom Elec Mfg Co
Newburgh
N.Y.

Dear Sir:

I am today in receipt of a letter from my Superintendent Mr. Rich in which he informs me that work in connection with the Newburgh building has been advanced to such a stage as to allow us to go ahead with our portion of the installation which we will do with the utmost dispatch.

I regret to say that on account of the great length

#2

of time which it has been necessary
to consume on your portion
of the plant, I am in this
letter compelled to make a
request of you which, had the
work been all done by me,
I should have avoided.

You no doubt understand
that my position in relation
to the installation of these
plants is simply that of a
contractor, which position I
have assumed on account of
being more thoroughly versed
in the details and construction

#3

than any one else can be, owing to the superior advantages ~~my~~ I possess as the inventor of the system, and from the fact that I should not feel safe at this early date to trust the success of my system to any person possessing less knowledge in regard to it than myself.

You are also no doubt aware that my Construction Department is not a Corporation existing with a capital, but

x 4

that I install these plants and meet the bills for material furnished on account of them and labor performed in connection therewith, by the payments on account of my contracts which I arranged in such a manner as to mature at proper intervals to take care of the above mentioned bills.

Thus you will see that owing to the number of times I turn my money a payment in my business delays one

#5

month is as detrimental as if it were delayed six months in almost any other business.

With the exception of a few hundred dollars worth, all the material for Chewburgh was ordered by me over two months ago and consequently the greater portion of the bills have matured - as I stated before had I done all the work in connection with your plant I would have - and from the foregoing you will see that from necessity I must have proceeded in such a

46

manner as to secure to myself
the second payment on account
of the Contract - due when the
station is ready to supply light -
long ere this -

I now have to ask if
you will very kindly send me
a check for \$7500.⁰⁰ - or as
near that amount as possible -
to be accepted by me as part
payment of the second installment
on account of the contract.

I trust you will understand
my explanation of this matter
and decide favorably in

#6

manner as to secure to myself
the second payment on account
of the Contract - due when the
station is ready to supply light-
long be this -

I now have to ask if
you will very kindly send me
a check for \$7500.00 - or as
near that amount as possible -
to be accepted by me as part
payment of the second installment
on account of the contract.

I trust you will understand
my explanation of this matter
and decide favorably in

27
regard to my request and I
do trust that on account
of the said request being an
unusual one in cases of this
nature you will accept this
lack as my apology for
taking up your valuable
time in the perusal of this
lengthy letter. I am

Yours Very truly

Thomas A Edison.

July 25th
 Mains & Fredericks for
 Bellefonte Pa.

| | | |
|----------------|--------------------|--------------|
| Fredericks 1/. | For Fredericks 1/- | ch. 25 |
| | 1-F | 175.000 per. |
| | 1-2 | 25000.00 |

| | | |
|----------------|--------------------|--------------|
| Fredericks 2/. | For Fredericks 2/- | 102.000 per. |
| | 2-1 | 20 |
| | 2-E | 26 |
| | 2-G | 210 |

Between H & I for Mains 1-2-20.

Jan'y 28 4

Manis & Feeders at Hagleton Pa.

| | | |
|------------|---------------------------------|------|
| Feeders 1/ | ^{Manis} att feeders 1/ | # 2 |
| | 1-2 | # 2 |
| | 1-3 | # 2 |
| Feeders 2/ | att feeders 2/ | # 5 |
| | 2-1 | # 2 |
| | 2-3 | # 0 |
| Feeders 3/ | att feeders 3/ | # 0 |
| | 3-1 | # 2 |
| | 3-2 | # 0 |
| | 3-4 | # 3 |
| M.C. | for branch C.C. | # 10 |
| D | D-D | # 2 |
| E | E-A E-B | # 8 |
| K | K-J | # 2 |
| G | G-G | # 5 |
| L | 2-3 | # 0 |

Jan 28 "

Mamie & Feeders for Mt Carmel Pa.

| | Mamie | with |
|-----------|--------------|------|
| Feeder 1/ | Mt Feeder 1/ | # 00 |
| | 1-E-D } | # 3 |
| | 1-B-C } | |
| | 1-B-A } | # 2 |
| | 1-E-F } | |
| Return | 1-D-B-1 | # 0 |
| | at C | |
| Return | 1-B-A-1 | # 2 |
| | at A | |

Jan 28/4

M.C. Belknap Esq Secy
Eaton & Co Mfg Co
Newburgh N.Y.

Dear Sir:

I am in receipt of your
letter of Saturday's date in
reference to making another
call upon your stock holders
and advancing me \$7500⁰⁰

I beg you to accept
yourself, and convey to
your President my
thanks for your very

#2
Kind consideration of
my letter of the 25th.

Yours very truly


Thomas A. Edison

July 28 4.

A. S. Chapman Esq.
 Brighton

Dear Sir

Will you kindly
 furnish us with a list of
 material necessary for
 the working of this bureau
 in a city like Providence all
 of course appropriating to the
 cost of each of the various
 parts. we assure you that
 we furnish a sufficient
 list of the local materials.
 Your early attention to this
 matter will oblige

Yours Respy.

J. J. Lewis
 Secy. L. B. P. S.

Jan 30 / 4

W Gaskofmeyer
 20 First Ave
City

Dear Sir: We are informed that the poor
 "old man" you refer to in your
 letter of yesterday, is rich and
 owns real estate. We hardly thought
 such an expense would be accepted
 by you. The man has however left
 our service and I shall be glad
 to have you report here as quickly
 as you can for duty. You must
 come today if you desire to take
 the position mentioned. Thos. A. Edison

Jan. 31. 4

W. S. Andrews Esq.
 Elletts Cammel Pa.

Dear Sir

In reply to your favor of 29th inst. we beg to enclose copy of list which Heblers was copied from.

The copy last sent you was made by ellap department determination for safety catches - and the new one is the original which will I think compare favorably with that first forwarded and by which the list was copied.

Should any discrepancies be discovered in this list please advise.

We beg to confirm our telegram of this A.M. relative to forwarding allegations 29th inst. by Adams Express to you at Elletts Cammel - it was an error stating they had been sent to Hagleton. Pa. *Respectfully* J. H. Oliver *Secretary*

'A'

Electrical Determination of Haystack Pk.

| Feeder | Wires | Theoretical Size | Practical Size | W. Loss |
|----------|---------|------------------|----------------|-----------|
| Feeder 1 | 1-B-D-2 | 64,000 gms | 22 | 111 |
| | C-G | 12,000 " | 210 | |
| | 1-K-J-3 | 60,000 " | 22 | 110 |
| | E-A | 28,700 " | 28 | |
| | E-B | 16,000 " | 28 | |
| | | | | 274 |
| Feeder 2 | 2-B-D-1 | 64,000 " | 22 | 176 |
| | 3-F-5 | 92,000 " | 20 | 248,000 |
| Feeder 3 | 3-K-J-1 | 60,000 " | 22 | 115 |
| | J-H | 52,800 " | 23 | 181 |
| | 3-G-2 | 92,000 " | 20 | 275 |
| | G-G | 37,200 " | 25 | 521 |
| | | | Practical Size | W. Loss |
| Feeder 1 | - | 56,800 gms | 22 | 274 |
| " 2 | - | 51,500 " | 22 | 124 |
| " 3 | - | 78,100 " | 25 | 521, 1219 |

* For Feeder #2 on 40 of heating, 48,000 gms. 25) must be

added
Common silver Resistance between each branch two

thick 8" sp. with .31" 5' long.

Total number of lamps 124

20 ft. 2.27 ohms.
20 ft. 1.17 ohms.
34.

Jan 25/4

Messrs. Bergmann & Co
292 Ave B
City

Dear Sirs: Enclosed I send you our
invoice for a photograph to be
sent to South America

Please render your bill for this
to me and enter price on ~~off~~
at about \$50.00 in order to pass
Customs (nominal amt).

Invoice for this should read
"Scientific Instrument" and the article
forwarded by Pacific mail, cleared
at Customs House and ~~off~~ addressed
to W. H. Stewart, Edison Elec. Co.,
Santiago, Chile, South Am.

Yours truly,
Thomas Edison

W
 Jan 31. 4
 Electric Tube Co.
 65 Washington St.
 City
 Gentlemen.

Enclosed
 herewith please find deter-
 minations and map for Chili
 upon which please make
 estimate but do not close
 it as there may be some
 additions to make for points
 as noted on the first page.
 We should also be pleased to
 have you bring the figures
 and map with you in the
 AM. not later than 10 o'clock
 as the party having the
 matter in charge leaves on
 the steamer tomorrow noon.

Very Respectfully
 J. A. Edison
 Chief-Eng.

FFebruary 1st 4

Technical Determination of Portland, Me
Central Station Block #23

| Obtains. | Practical Size |
|-------------|----------------|
| 1-4 | 105,000 gms |
| 1-2 (North) | 105,000 gms |
| 1-2 (South) | ± 0 |

| | |
|-----------------------|-------------|
| Feeder 2/ 2-1 (North) | 105,000 gms |
| 2-1 (South) | ± 5 |
| 3-4 | ± 6 |
| 3-16 | ± 0 |

| | |
|-----------|---------------|
| Feeder 1/ | 378,11.00 gms |
| " 2/ | 232,100 gms |

Total number of Lights 1986
10 sp. & 217 others

10% drop in Feeders
3% do.

Feb. 1st 1889

Electric Tube Co
65 Washington St.
City.

Dear Sirs:-

Please Submit an estimate of the Cost
of underground Conductors on the enclosed map
and determination of Portland, Me at your
earliest Convenience and oblige

Yours Truly

Hos. W. Edison Constn Dept
N.Y.

July 1

Electric Tube Co.
65 Washington St.
City

Gentlemen

You will please submit
Estimate for underground conductors for
Lancaster by aerial transmission and most
humane and oblige

Yours etc

J. H. Edwards

Contract Dept

-F-

July 1 4

Electrical Determinations of Louisville Ky.
Central Station in Block #81-

| Feeder of | cellars | Practical Exp |
|-----------|---------|---------------|
| | 1-D | \$4 |
| | 1-T-E | 168000 per |
| | 1-X-W-C | \$000 |
| | 1-Y-W-C | \$000 |
| | Z-N-E | \$8 |
| | W-L-E | |

| | | |
|-----------|------------------|------------|
| Feeder of | 2-T-1 | 168000 per |
| | 2-N-E | \$0000 |
| | 2-V-A-B | \$1 |
| | N-N ₁ | \$8 |

| | | |
|-----------|---------|-------------|
| Feeder of | 3-X-1 | \$000 |
| | 3-Z-W-1 | \$000 |
| | 3-V-2 | \$1 |
| | 3-F | 105,000 per |

| | |
|-----------|--------------|
| Feeder of | \$0000 |
| of | \$71.00 per |
| of | \$72,000 per |

Total number of lamps 3385
100 ft. 2.7 ohms

2000 ft. of back
cable left for
feeder to B. of C.
cable as follows
10' dia. 20' wide
10' deep
10' deep in feeders
3% = 2 cellars

Jan 21

W.D. Rich & Co. E. E. Steple
Belleville R

Newburgh estimate assumes
you at Newburgh.

We allowed one hundred
forty dollars for stock.

Five City ton book Six
As quote the price.

Cheaper to accept their
bid and pay freight

Then at Lion

\$161

Dec 4/4

A. A. Ogden

Neenah Rydick

Spencer

Get lot of dimensions

not less than

forty two feet by

sixty seven feet
Also a. Cairn

4
 Chicago
 Charles P. Davis
 Union City
 Pa

Write your hotel address here
 go to Hay Market N. Eason
 8/25

Are you going to
 that Edinburgh state
 in for one forty one
 or two hundred mile
 from home power 1870
 Good-bye

Best of
 luck
 Wellington

Chas. S. #

Chas. S.

2/5
J. M. Churston
Johnston

#

At office ten to six
every day
J. M. Churston

2/5
Mr. M. M. Churston
Chas. S. City

#

Do. forty eight hundred & eight
let in letter January front
in black body room
to the room 17
Chas. S. City

10/1 92

Chas. S. City

(Cohi)

Aug.

C. M. End by June
Ladies, etc. etc. etc.
Ladies, etc.

Dear Sir

During the evening and
I have some very heavy financial
engagements & but one wish you would
very kindly let me have your check for
\$1000 on 10 if possible by Tuesday
Trusting you can oblige me I am

Yours Truly
J. A. Cohen

Original letter in advice sheet letter
Book Page 41 Book Number One
Fred

July 5 4

W. Garrison Esq.
Treas. E. E. M. C.

Brockton Mass.

Dear Sir In reply to your favor of 8th ult. regarding allowances and deductions for supplies at Central Station at Brockton, we have to state the following - referring to your list in regular order.

Skull for water - cistern Room - This is one of the regular supplies to Central Station for cistern Dept. and for the delivery of which we hold receipts.

Oil Cans - not having been delivered we will allow price charged for same. - 19.

2 pair Phosphor Benz. Bores - In place of these we furnished Ballist. tools which are equally as expensive - therefore make no allowance for these referred to.

2 Dynamite Twisters. We hold receipts for these of these delivered and which are a part of the plant.

- Switches for Field Regulation - The full complement in accordance with contract not having been supplied will allow your claim of \$20.-
- 4 Feeders Indicators - the Co. gave with the first not furnished \$100.- but will charge for whatever is furnished in excess of the number now in use.
- 30 Extra assorted Bottles } The allow claim of \$22.-
- 30 " plates rubber attachments. }
- 250 Temporary Fishnets. If returned in good order we will make a fair allowance for, which can only be determined upon examination.
- Warehouses Tools. If returned. will allow the amount charged. they not being necessary with underground conductors. - \$12.-
- 1- 10' Sheet Iron Shovel with strainer & These are both
- 1 Small rocket or used for filling holes for Compound, both of which are accepted for as having been delivered.
- 1 cty 7 Chug drift. Delivered by The Tube Co.
- The allow deduction of material charged in excess and delivered by Johnson. \$9.72
- The 1000 feet of mooring can be used in further increase of house service but is of no use with set

to us

Ledgers Forms. We have charged these items
but once on our books, anything in excess
of that on bill is in error.

- Items in question -
clocks with automatic cut off is correct as to
price.

Salary and Expenses of Johnson we cannot allow
as the charge is Corrections allowance, we
we furnished the best man we had at the
time of your earnest entreaties for a man
irrevocably.

Hannig furnished 185 safety catches miss old
Junk letter was received for of charge as a feature
of the installation, we must insist upon the charge
for 50 pair as delivered and acknowledged.
Your claim of \$12.²⁵ for various expenditures for
alterations &c we have placed to your Cr in one
item, but would state in conclusion that we make
these several concessions, notwithstanding the fact
that work has been performed and material supplied
in excess of contract and which was not specified
and at considerable loss to us.

We enclose herewith statement showing
the amount placed to your credit which

we trust will meet with your approval and
prove entirely satisfactory.

Awaiting an early reply we are

Yours Very Respy.
T. A. Edison
Constr. Dept.

Feb 5th 4
 Edison Electric Illuminating Co.
 Brooklyn Mass.
 Credit Bill.

| | |
|---|--------|
| 1 Set Oil cans | 9- |
| Allowance on Field Regulators | 20- |
| 4 Feed & Indicator - not furnished | 100- |
| 30 Extra Assorted Bottles | 8- |
| 30 plates and rubber attachments | 20- |
| 1 Set Wrenn's Tools - consisting of 1 pr Pole Climber, Wrench & extra set of Rops. - if returned | 12- |
| Expense of change in material furnished by Johnson | 992 |
| Small expenditures in connection with necessary alterations, and repairs to structure. | 312 25 |

491 00

July 6. 4

- Middleton C. -

Scheme of running wires

Letters and numerals refer to points marked
on attached map -

Sgt. Bury

| | |
|-----------|------------|
| A-1 | 10 |
| B-C | 10 |
| C-D | 10 |
| 1-2 | 10 |
| E-H | 10 |
| 2-F | 4 |
| F-G | 4 |
| 2-J | 5 |
| K-G-L | 5 |
| 2-E | 5 |
| per day 1 | <u>156</u> |
| do 2 | <u>100</u> |
| | <u>332</u> |
| | 332 |

Feb 4
 A. Stuart Esq
 No Union Hotel Co
 Corner 6th & Vine Sts
 Cincinnati O
 I am about Africa.
 Count upon having matters
 ready
 Howard Quincy

Feb 4
 E. D. Washburn Esq
 Washington Dc
 Dear family - I have
 undertaken to visit
 Howard Quincy

Feb 8

U.S. Extra Patent

Edison Electric Light Co.

Worcester Creek Co.

Worcester class

You can undertake my belief
 install Worcester plant for security
 on thousand dollars if will accept
 you class ^{the} important should have
 and keep staff employed otherwise

and have equal reductions
 offered.

Edison

Feb 87 4

W. A. Andrews
W. E. & W. C.

Ambury m

When does Mayleton
start. Harris
reports timber with
Belleville again says
under repairs.
What is it.

Harold E. Emory

Feb 87

Perry
W. E. & W. C.

Belleville m

Harris reports timber
with Belleville again.
Is this so. Will
pull ~~up~~ particulars
quick

Harold E. Emory

Paul & Dyer Esq.

Dear Sir,

Your son was
your father to be
your son from
the day of.

He is in the
army and you
are all at sea.

My affectionate
if you were
from the city.

You have been
unhappy with me
the thing up of your
account in a moment
and above

your family

Yours truly
Samuel J. Smith

plant at Standing
 learn to not a
 wait for a company
 which one of your
 men can you recommend
 to take hold of
 the work. The
 chance like to have
 the job put through
 as quickly as possible
 and wish you could
 see it within

the next two or
 three days before
 known by me and
 we will have the
 material shipped at
 once ^{including to} to the ^{factory} ~~factory~~ ^{factory}
 of the mine you
 desire to have the
 change of the work
 immediately
 signed by you ~~to the~~
 J. J. Allen Lusk

your pleasure in

(20 ribs) ~~see~~ C. J. Allen

8/20

Dear Mr. Do
 65 South
 Street

Dear Sir,
 I have just received from Dr. J. M. W.
 Washington the
 Dr. W. will be in the city next week, to
 go to Richmond
 for the
 Association. I am
 in this now. I am
 Yours truly,
 J. M. W.

1/49

J. M. W.
 J. M. W.
 J. M. W.

Feb 4
 H. H. Baker
 P. O. Box 100
 Memphis, Tenn

You go to
 Steuburg. Do
 you want money
 How often?

Remington Arms
 Providence
 R. I.
 Send me to
 Baltimore to. I might
 need to fix up
 engine. How. A. Baker

Sitzg. 4

C. E. Chismack Esq.
157 Pearl St.
N. York City

The bearer is Mr.
Shannon who has charge
of our estimating Dept.
and who desires to view
the Central Station.

Should he call at any future
time will you kindly admit
him without further
communication from us
yours truly

Wm. H. Chismack Esq.
3 Chismack

Feb 17
 Hos. O'Connor
 & Green Street
 10
 How many tracks
 are there on each
 side of the
 street
 How many tracks
 are there on each
 side of the
 street

Feb 17
 Western Union Light Co
 51 & 53 Madam Ave
 Chicago Ill
 If they go to the
 Penna they can
 see two or three
 other plants within
 a small radius
 of the
 Penna

2/10

John P. H.
of Ryman's Co. B.
222 City

Dear Sir,
I have in view
of your notice of receipt of your
order, but in record of your
order - catalogues, and for the
electrical appliances from
Fall River - please specify in
detail the goods received.

Very Respectfully,
J. A. Edison
Circuit. Dept.

Feb 11, 1887
Cannery for Tins
Providence
R.I.

When did your
man leave for
Bellefonte
Pa. A. Edison

2/25

Feb 11/4

W H Dudley Esq Treas
 Carson City Sept 6
 Fall River
 Mass

Dear Sir:

In reference to the balance due
 us upon the Fall River contract we
 beg to say that during the present
 week we have some very heavy
 financial engagements to keep
 and if you could very kindly oblige
 us with your check for \$2128.90
 - the amount as above - it would
 be of very great assistance
 to us. We should like it to be
 here so as to enable us to depart

it in the morning.

Trusting this will not
inconvenience you in any
to remain

Very truly yours

Wm. A. Carson County

Samuel Carson

2/11

24/53

Feb 127 *

W. J. Andrews
C. Benson the M. B.
Hargleton 1892

Can't has come with
to attend to in diff.
for me. Sunday
would do if you
could spare him

Sam J. Freall

199/43

Feb 12/4

W. L. Andrews
Golden Rule Dry Co.

Mayleton Va.

Payment of Ten thousands

three hundred ~~and~~ forty two

Dollars due to Mayleton

Contract. See Mr's Book

Ask him when cheque

today or tomorrow.

Very urgent. Mine

result quickly as
possible

86 / Saml G. Groully

Feb 13/4
Western Union Co
51 & 53 Wabash Ave
Chicago
Mail Madison
Estimate Friday

4/5/4
Sam'l Greull

Feb 12/4
W.C. Andrews
W. Edison Electric Mfg Co
Hazelton, Pa
If you think Devis
capable of taking
care of things - we
consent to come to
New York quick

Sam'l Greull

July 13

Albion Bergmann &
1292 Ave B
Ct
Albion.

Dear Sir,

You will please be
so good to send me
a copy of your book
"The History of the
United States of America
from 1776 to 1876".
I am, Sir, very
truly yours,
J. B. Bergmann &
1292 Ave B
Ct
Albion.

Very
truly
yours,

David Bergmann

July 13/18
Dear Sir,
I have the pleasure to
acknowledge the receipt of your
letter of the 11th inst. and
in reply to inform you that
the same has been forwarded
to the printer and will be
ready for you in a few days.
Very truly yours,
J. B. Bergmann &
1292 Ave B
Ct
Albion.

Feb'y 13 4

Mr. A. D. Dally, Esq.
Cincinnati, O.
Full River, Mass.

Dear Sir Will you kindly
forward to me 9 of Benjamin Franklin's
papers etc. to this city - I the Editor
have got make up this by
the 1st of July - & which was formerly
connected with Richard Jackson
and oblig' Yours Very Respectfully

J. J. Johnson
Washington, D. C.

220

Feb 14/ 4

J. J. Johnson
96 W. G. Jones
Brooklyn Mass

Please go to Fall
River quick - Take
Wheatstone bridge
to locate fault - Reply

~~Yours~~
David Johnson

W. K. R. welly June
 from the W. to
 Fort Rock

Mass

Now mine spring
 at Bracken to go
 to Fall River at
 once

W. K. R. welly

12/29

Feb 14/4
 Santa Fe
 and North Rocking

Will send direct
 today

4/5
 W. K. R. welly

12/60

I like you &
 Admitt they
 the Lyon Rock Co
 Insurance Co
 All else thousand light
 estimate before for
 twenty three thousand
 dollars provided other
 given immediately
David Smith

Feb 11/11
 W & J
 1000 Ave of the
 Beach
 Have wired Bailey
 Son of Boston to
 withdraw - airport on
 New and trust on us
 Trust freely

1/6/37

Feb 14/ #
W. A. Andrews
96 Edison Electric Co

Mr. J. C. Parsons
We would full and
exhaustive report
as to running and
condition Thomson
station I am
13

Saml. Greally

Feb 14/ #
J. W. Bailey Esq. Son
* 14 Charleston St
Boston

Withdraw your draft
on J. W. of Brockton
and draw on me
for sixty two dollars
eighty cents Reply

Thos. A. Edison

Feb 4
 D. J. Jenkins
 1000 E. 1st St.
 Jackson
 Miss
 Your quick exact
 lengths for new
 belts
 J. A. Edging

2/14
 H. G. Edwards
 Hagerstown Pa.
 Very sorry you state Ballpark
 Spruance must now purchase lumber,
 as cannot undertake this, almost
 wish to write that timberly, our
 country was overstocked with the
 wild hogs & Ballpark, & your
 must not now allow that
 lumber
 Edwards

4/14
 Gardner C. Perkins
 Remington Arms Co
 Springfield, Mass. 01105
 Is there any objection
 to naming him and his
 wife as donors of
 funds?

4/30



2 15 4
 Remington Arms
 Co
 Providence R.I.
 Made springs for Bell
 Engine to run for
 hundreds.
 J. D. Small

Miss Baymouthe
292 City

2/15 4

Friendess

We are in receipt
of your bill enclosed for either
brought to Church Lane or 57
507 which we enclosed at request
last week yesterday for same place
We feel sorry for some places
relating to some order numbers
which explain meaning of this
in its regard to follow with
in addition to what is when
completing without mistake
to that effect. I am sorry to
hear of and hope

Yours truly
J. D. Edwards

July 15 4
J. D. Edwards
Magnolia St.
Magnolia St.
Magnolia St.

There shall be mail your
lecturing Philadelphia
our light with case for
signature important

Yours truly
J. D. Edwards

Their money again after subject
 appeared from contract meeting
 afterwards when contract renewed
 Edwin Eaton

2/16. Copied by J. B. Campbell

Feb'y 18th 4
 Harris Robinson.
 Boston.
 Conn.

We are waiting for
 information about
 Harry Plant.
 Cannot find Harris
 where he is.

33
 4
 E. Arnold.

2/18
 Chas. J. Hughes.
 Congregationalist
 Wm.

Hudson will be
 mailed today

Drumville


2/18
 of Mount
 East of mi. St.
 Quinimati &
 4

Drumville returned Sunday the
 Annual Association fifty one
 mailed copy today, I should
 within ten days will accept
 contract for Sunday school
 Thompson and A. Drumville
 2/18

21/8
 Memo of Engr
 Charles Webb

Charles Webb
 Charles Webb

As we are charged for
 the Ministry of Justice
 and the Ministry of
 the Ministry of Justice
 as to the Ministry of
 the Ministry of Justice

21/8
 Memo of Engr
 Charles Webb

We shall expect report
 to the Ministry of Justice
 as to the Ministry of
 the Ministry of Justice

Charles Webb

2/18 "

Wm. D. Edwards
292 City

Dear Sir. In your client

of order 911. we at advised
that 25% work of Shuckling
point - has just as yet had
received although that with
goods, receiving is it and
specials they may have been
overlooked in putting anything
else corresponds with kindred

Very Respdy.
J. A. Edwards
C. to. D. P. R.

2/18
D. H. Edwards
C. to. D. P. R.

Only objection to let an
Zinn 1811 and Thirt are
high price compared with
let corner Grant St -
second ch. J. A. Edwards

Office of the
Comptroller
of the Hudson River

Hudson River

You will please
forward by return mail the
sums by the above named
other and by the same
and as above and other

James B. Cady
J. B. Cady
Comptroller of the Hudson River

Statement of Profits for Hudson. R. R.

180 lamps - 10 of @ 1 1/4 + per lamp hour

| Hours Running | Yearly Receipts | Yearly Expenses | Profit after deducting Royalty | Percent Profit | |
|------------------|-----------------|-----------------|-----------------------------------|-------------------|-------|
| 4 | 24.000 | 7695 | 16305 | 35 4/100 | |
| 3 1/2 | 21.000 | 7206 | 13794 | 29 35/100 | 25.75 |
| 3 | 18.000 | 6786 | 11214 | 23 1/100 | 23.56 |
| 2 1/2 | 15.000 | 6462 | 8538 | 11 53/100 | |

470000

2/20
John Perry
Bellefonte Pa.

Andrews will be in Bellefonte
tomorrow's night. Arrangements
and Lewis means must be
arranged.

J. J. Ince.

2/20
J. C. Walker

Stewards M. C.
Now many more will
men do you want sent.
you best in local men
are object to sending
Examine men first
here.

J. J. Ince.

I have the pleasure
 to acknowledge the
 receipt of your letter
 of the 20th inst.
 in relation to the
 above matter and
 in reply to inform
 you that the same
 has been forwarded
 to the proper
 authorities for their
 consideration.

July 20th

Geo. O. Edwards & Co.
 121 Chambers St.
 New York City

Gentlemen: I am to let
 you desire to make slight
 alterations in our order for paper
 for 200 Quail Eggs - the changed
 one noted on copy enclosed herewith

Very Truly,
 Wm. A. Brown
 Mining Deputy

now pay for engine.
 This will sell satisfaction
 as to all others, many
 on Sunday - Some want
 before the Grand Jury
 All if you still want this
 As yet engine and how
 the opportunity. They to
 this must be expensive

Champion engine as found.
 J. J. Mearns

2/8/52

3/25
Ch. S. State
Bathurst
Bathurst

Do not fail to
send clearing
papers.

Very important that necessary
should now without further
reports come to us through
Bathurst.

small.

7/26
 W. A. Anderson

Albany, N. Y.

My dear and missing
 mountain home, I have
 which I have been
 for this morning, I have
 is this reply quickly.
 19/43

Yours truly
 W. A. Anderson

7/26
 W. A. Anderson

Albany, N. Y.

Dear my last report from the
 as to condition of the
 and with me fully in
 to all matter inside and
 outside your department.
 highly important. I have
 been all night. I have
 39 forward to you.
 W. A. Anderson

Feb 27th 4Estimated, 19051000 Lights

Schedule of Line Mining at Biggs, Wis.

1-F-2-3-4-5 $\frac{105}{1000}$ days

1-5-K-3 . 05 A.W.G.

1-4-3-C-D . 04 A.W.G.

2-E- . 00 A.W.G.

3-H- . 04 A.W.G.

Tender 1- $\frac{105}{1000}$ days" 2- $\frac{105}{1000}$ days" 3- $\frac{260}{1000}$ days

A. S. Andrews
3/27

4

Chambers Q.
The present indications
and to Billings last
night. two go to Chambers
tomorrow - check marks

Andrews

Dec 27

4

Chas A. Eaton
Maguelai Hotel
Maguelai
Stresa

Will letter addressed
to Maguelai, near
Cuneo quickly

Andrews

Feb. 27 4
 Recd of A. Stuart Secy. Ohio Edison
 Electric Installation Co. of Cincinnati
 Ohio Two Thousand two Hundred and eighty
²⁵/₁₀₀ Dollars. which in addition to
 Three Thousand four Hundred sixty nine ⁷⁵/₁₀₀
 acknowledged Dec. 25/93 is in full for
 25% of \$23000.- amount of estimate
 and contract for the installation of
 Edison Electric Light Central Station
 at Piquette Ohio

Thos. A. Sawyer
 V. and Insult
 Attorney

Received from Jas Harris Esq Edison
 Electric Illuminating Co of Baltimore
 Pa. Seven Thousand five hundred and twenty
 five Dollars on account of contract
 for installation of Edison Electric Light
 Central Station at Baltimore Pa.

Thos. A. Carson
 B. Saml Insull
 Attorney

Amount still due - 5,447.29

Wm. F. E.

Clarkburg W. Va.

Oct.

"I thought of you and your
 friends a great good deal
 and we should be glad
 to have you throughly test
 on the Harmon Machine
 the same time may add to
 much more in the way
 but I think sufficiently
 as for the test, we can let
 if they are fairly exposed
 facts and all others in
 every - &c.

Wm. F. E.

Wm. F. E.
 Clarkburg W. Va.

2/28
 Wm. F. E.
 Clarkburg W. Va.

We are forwarding your
 letter to Clarkburg.

A. J. Marshall

Statement of Profits for Utica NY

3200 10 sp. Candles.

at 2.50 per 2000 Candles

| lbs | YEARLY RECEIPTS | YEARLY EXPENSES | Net Profits per 2000 Candles | Per Cent Dividend | REMARKS |
|-----|--------------------|--------------------|------------------------------------|----------------------|---------|
| 4 | 48000.- | 15156.- | 32844.- | 32.84% | |
| 3½ | 42000.- | 14283.- | 27717.- | 27.71% | |
| 3 | 36000.- | 13410.- | 22590.- | 22.59% | |
| 2½ | 30000.- | 12531.- | 17469.- | 17.46% | |

at 2.00 per 2000 Candles

| lbs | YEARLY RECEIPTS | YEARLY EXPENSES | Net Profits per 2000 Candles | Per Cent Dividend | REMARKS |
|-----|--------------------|--------------------|------------------------------------|----------------------|---------|
| 4 | 38400.- | 15156.- | 23244.- | 23.24% | |
| 3½ | 33600.- | 14283.- | 19317.- | 19.31% | |
| 3 | 28800.- | 13410.- | 15390.- | 15.39% | |
| 2½ | 24000.- | 12531.- | 11469.- | 11.46% | |

at 1.75 per 2000 Candles

| lbs | YEARLY RECEIPTS | YEARLY EXPENSES | Net Profits per 2000 Candles | Per Cent Dividend | REMARKS |
|-----|--------------------|--------------------|------------------------------------|----------------------|---------|
| 4 | 33600.- | 15156.- | 18444.- | 18.44% | |
| 3½ | 29400.- | 14283.- | 15117.- | 15.11% | |
| 3 | 25200.- | 13410.- | 11790.- | 11.79% | |
| 2½ | 21000.- | 12531.- | 8469.- | 8.46% | |

Note

This statement of profits is based
upon a Capitalization of \$1,000,000.

Actual Cost of plant \$3,327.75

at 4.50 per Ton.

March 1894

March 3 4

M. A. Audubon
 9- E. E. Bell Co.
 Allentown Pa.

Advertiser and Steamboat
 Agents by Express today
 from Boston

Dear Sir

March 3 4
 M. A. Audubon
 9- E. E. Bell Co.
 Allentown Pa.

Will you be at
 Fairport long enough for
 letters to reach you of
 shall not mind to
 Magnolia.
 P. D. Linnell.

3/4
 W. F. Anderson
 Belfast Pa.

I shall take with
 me to Belfast
 tonight
 J. J. Smith

March 4
 Commissionaires
 Providence

Have telegram from
 Edwin outstaying me
 agree to be for dirt
 money.
 inform society
 J. J. Smith
 14/50

March 28thJames Harris Esq
Baltimore

My dear Sir,
I have the honor to acknowledge the receipt of your letter of the 24th inst. in relation to the matter of the estate of the late James Harris Esq.

I am sorry to hear that you are unable to

attend to the matter personally, but I am glad to hear that you are able to attend to it by letter.

I have the honor to acknowledge the receipt of your letter of the 24th inst. in relation to the matter of the estate of the late James Harris Esq. I am sorry to hear that you are unable to attend to the matter personally, but I am glad to hear that you are able to attend to it by letter. I have the honor to acknowledge the receipt of your letter of the 24th inst. in relation to the matter of the estate of the late James Harris Esq. I am sorry to hear that you are unable to attend to the matter personally, but I am glad to hear that you are able to attend to it by letter.

Please send me a credit note of \$100.00 as we can check the material returned.

Yours truly
Geo. W. Harrison

Geo. W. Harrison
East Baltimore

March 28th

For Mr. Gurnel with
you.

28 A.D. Tate

11 25
57

Noted 2

Paul Small

W.E.C. Myles

Marion M.

In harness again.

Schrank called today

Gave me check too

Amount on account.

Desires to see you.

Returns tonight.

Have you new edition

March 7th 18
 Mr. Emory
 Station W. Va.
 Newburg Ky
 Dear Sir,
 This morning
 I have delivered
 your

March 15 4
W. R. Rich
To Eusebio & Co. de los
Rios
Rio
Have you got my letter about
complaint as I give, trouble
may be great undoubtedly
his barrel roof looking badly
J. Small.

Feb 7 4

R. D. Portland Esq }
 112 Pearl St }
 City }

Dear Sir:

In discussing the estimate of material required by your South American friends with you this afternoon the writer omitted to mention that in dealings of this nature it is customary for us to allow a brokerage of five percent. (5%) of the amount of our bid.

This commission in no way affects the cost of the plant to the purchaser as it is simply sharing our profits and would be retained by us were we dealing directly with the parties who desire to utilize our system.

Should you be successful in securing to us this order we shall be happy to make you the usual concession as above.

Yours respectfully

Thos. Edgar Bristle

By 

Contracts submitted since Jan'y 1894

| Town | Quantity | Quality | Condition | Amount | Contract | By whom sent |
|-----------------|----------|---------|-----------|------------|----------|----------------|
| Piquette | 1000 | 14544 | unheated | 24,185 90 | Jan. 17 | W. Stewart |
| Chickadee | 1000 | 1985 | unheated | 40,811 26 | Jan. 28 | W. Stewart |
| Effie's Landing | 500 | 792 | do | 14,823 64 | Feb. 8 | W. Stewart |
| Chickadee | 1000 | 1949 | unheated | 32,575 14 | 13 | C. F. Hughes |
| Northville | 500 | 758 | do | 16,619 05 | 13 | E. Borden |
| Northville | 500 | 643 | do | 18,268 96 | 14 | W. Stewart |
| Chickadee | 1000 | 1500 | unheated | 39,988 18 | 19 | E. Borden |
| Pittsburg | 1000 | 2078 | unheated | 40,127 34 | 25 | E. Borden |
| Chickadee | 1000 | 1857 | do | 37,213 06 | 25 | C. F. Hughes |
| Pittsburg | 1000 | 2441 | unheated | 40,668 17 | 25 | C. F. Hughes |
| Chickadee | 1000 | 1981 | unheated | 37,788 13 | 27 | C. F. Hughes |
| Chickadee | 1200 | 4327 | unheated | 74,058 04 | Oct. 1 | F. S. Hastings |
| Chickadee | 1000 | 2658 | unheated | 43,064 96 | 1 | F. S. Hastings |
| Chickadee | 500 | 662 | unheated | 22,78 15 | 1 | E. Borden |
| Dallas | 1000 | 1568 | unheated | 27,796 33 | 1 | F. S. Hastings |
| Chickadee | 1200 | 3421 | unheated | 67,898 17 | 1 | F. S. Hastings |
| Chickadee | 500 | 781 | unheated | 15,290 53 | 7 | A. Stewart |
| Chickadee | 1200 | 3201 | unheated | 74,000 97 | July | W. Stewart |
| Chickadee | 1000 | 1986 | do | 45,078 97 | Jan. 19 | E. Borden |
| | | | | 125,777 26 | | |

March 8 4

Mr. C. Brown
of Niagara Falls,
Niagara Falls

I shall give it to the Academy.
I have no wait till
you return. I must
leave you for boat
board at last perhaps
Abner's farewell.

White Birch
Yellow Birch
Black Birch
Red Birch
Green Birch
Blue Birch
Purple Birch
Pink Birch
Brown Birch
Grey Birch
Silver Birch
Gold Birch
Copper Birch
Bronze Birch
Steel Birch
Aluminum Birch
Titanium Birch
Carbon Birch
Fiberglass Birch
Kevlar Birch
Carbon Fiber Birch
Kevlar Fiber Birch
Carbon Fiber Kevlar Birch
Kevlar Fiber Carbon Birch

March 8 4

J. S. Hastings Esq. Treas
O. C. Light Co.
65 Ave 5 City

Dear Sir We have at various times
requested options on real estate for the
following named points and with each
request maps were furnished. if possible
will you kindly advise as to what action
has been taken in the matter
Clanchunk Pa. Galveston Tex. Mobile Ala.
Pottstown Pa. Pottsville Pa. Hallsboro Pa.
Helleboro Pa. Milton Pa.

An early reply will oblige
Yours Very Truly
J. D. Edison
Contract Dept

March 8 4

Messrs Wendell & Hall
 Detroit Mich
 Gentlemen

At various dates we have asked for opinions on Real Estate for Central Station as below and for which we have furnished maps. You will oblige by advising us as to what action has been taken in the matter.

Grand Haven Mich, Ann Arbor Mich, Adrian Mich.

Prompt attention will oblige

Yours Very Resp

P. H. Edison

Contra. Dept

3/8

4

A. Stuart Esq. Secy.
 Ohio Edison Electric Installation Co.
 Schermer Sts.
 Cincinnati O.

Dear Sir

Some time since we
 requested options on real Estate for
 the following points and for which maps
 were furnished. you will oblige by
 advising us as to what action has
 been taken in the matter.

Washington C. O. Lima O. Urbana O.
 Cincinnati Ky. - Elizaville Ky. Canton O.
 Chillicothe O. Akron O. Springfield O.

Your early attention will oblige

Yours Very Respy
 J. A. Edison Consty. Dept.

3/11
H.D. 1/11

Clidulphus D.

Whether has his broken only
 cannot hope in Consequence
 to find immediately the matter
 no causing no great trouble
 and perhaps no end of
 could hardly measure - *and*

Dear

March 12/4

Sparks Parker & Co
New York

Draw on me one day
Eighty for one hundred
ninety seven dollars thirty
three cents amount of
Your account
27/13

Has a Ring

Wells 14

Adm. Secy
 The Union Shop &
 Corner 6th & Main Sts
 Cincinnati O

Now you may see
 all the people to mail
 in check today

Have reply
 Geo. A. Cairney

Wells 14

Adm. Secy
 The Union Shop &
 Corner 6th & Main Sts
 Cincinnati O

Now you may see
 all the people to mail
 in check today

Have reply
 Geo. A. Cairney

Dec 1st 4

Wm Rowley Esq
Essex St New York

The River House

Will you check two hundred
ninety dollars four cents
to the amount you account.

I have you mail me today
check two thousand
eighty. Please reply
soon as you can.

Yours as ever

Dec 1st 4

Wm Rowley Esq
Essex St New York

Friend

The fine physical & mental
the men at old Canal and
Dunbury to pay wages
everybody ready to
execute & deliver the most
abundant. Yours as ever

Wm Rowley Esq

2/10
S. R. Smith

of E. E. M. Co.

Chicago, Ill.

Dear Mr. Smith:

As you will see by the enclosed
I have been thinking of you
and the success of your
and the success of your
and the success of your

The most interesting of all
the most interesting of all
the most interesting of all

Yours truly,
D. D. Smith

Oct 12/12

Westlow, Illinois

51 1/2 W. 13th St.

Chicago, Ill.

Dear Mr. Smith:

will be at the top of
the list of all the
the list of all the

Yours truly,
D. D. Smith

347 1/2

Estimated Profits
Edison Electric Central Station at
Ipsington

500 Lamps 300 per 2000 Candles

| YEARLY RECEIPTS | YEARLY EXPENSES | Net Profit per year | Per Cent per year |
|--------------------|--------------------|------------------------|----------------------|
| 9000. | 3990 - | 5010 - | 11% |
| 8760 | 3747 - | 5013 - | 11% |

This estimate is based on a Capitalization
of \$42000.
of Coal 41.4 per Ton.

3/13/84

34212

Jan 17/4

Edw. J. Nease
Esq. Albany, N.Y.
Lawrence Church

Dear Sir, - We beg to acknowledge
with much thanks receipt of
your M.O. for \$1000. dated
Dec 12th inst.

Kindly accept our apology
for having overlooked your payment
of \$4000. when writing you on the
11th and in telegraphing you yesterday.
The writer was not in the City when
the above payment was made
and was therefore unable to correct
one of our accountants who submitted
your balance on Feb 1st as the
amount due at the present

Dear Mr. & Mrs. Wick
Childs letter of
last night at 10.
has not been received
from Chicago
yet. We must
wait a few days
before we can
reply to it. We
will do so as soon
as possible.

Chicago 13/11/18
Childs letter

We have reports from
Chicago under the
impression that the
situation is serious
and that the
work there

352
351
Dear Mr. & Mrs. Wick

will not do we
will order from
else - answer
quickly please
Yours & Loving
J

3/14
Amie Davis
Dear Mr Q
at Charles St
D. D. Smith

to Mr Davis in his
letter to Mr Smith.

11th May

A. A. Carter 1899

Dear Sir

I have been disappointed
 today in not getting some
 ready remittances from
 you this morning & as a
 consequence being the first
 to only find inconvenience
 to make the note for £498 10/-
 due to me now. If I find
 myself so full when the
 publication of the note
 stand over till 19th June -

Yours truly

David L. Carter
 J

1899
 11th May
 1899

3/14

Charmie C.
19 Effick

O'Leary

little for you'll with you
confront the minute of
and with the weight of
in your present
fact it is very different
I had expected
with a
was

W. H. C. O'Leary
19 Effick

3/14

W. H. C. O'Leary

have on telegram this morning
had further complaints about
I wish too much to put on
Myself and Effick's station, have
had him to this mindfully
along in good luck to us, have
with collection and progress report
by wire fully and you to O'Leary

Feb 14/ 4

W L Garrison Esq
Federal St
Boston Mass

Dear Sir

Allow us to introduce
to you Mr Paul D. Dyer, one of
our Conveyers, who goes to
Boston for the purpose of
compiling statistics for our use
in preparing Estimates &c for a
plant in that City -

Any information you may be
kind enough to give Mr Dyer, or
any assistance you can render
him will be very highly appreciated
by

Yours truly
J. W. L. Garrison
By W. L. Garrison

3/15

4

Amosia Brass & Copper Co.
19 Clifton
City

Gentlemen

We enclose herewith
our order #1058 for wire, which we trust
you will instruct your factory to push
with all possible despatch as this is a change
in our feeders at Middletown and it is of the
greatest importance that the change be made
quickly. We should be pleased to hear from you at
the earliest possible moment as to the date of
shipment.

Very Resp.

T. H. Edwards

Contract Dept.

Amosia

Orange S. J.
1000.

4 3 -
3 - 3 -
3 - 3 -

pollster man
& Chetman

4- 3-

25 25

10 10

15 15

75 75

1- 1-

15 15

25 25

334 205

54 41

1- 1-

50 50

25 25

27 27

6 6

213-965

445-580-

Estimate Profits of Central Station at
Orange S. J.

1000 lamps at 12.50 per 2000 c.p.

| Yearly Burdening Months | Yearly Receipts | Yearly Expenses | Profit after paying Royalty | Per cent for Dividend |
|-------------------------------|--------------------|--------------------|-----------------------------------|-----------------------------|
| 4 | 15000.- | 6665.- | 8535.- | |
| 3 | 11250.- | 5884.- | 5366.- | |

Capitalized at 10%
Cost at 15.00 per foot.

3/10/24 - C. J. S.

Oct 4 1865

15 March

My Dear Upton

The estimate
sent Mr. Hare
amounts to \$2151.65.

In it we allow
for a 92 h. P.
Boiler, a Heater

& a Blowdown Valve
cost about \$700
more than above
amount to put in
a 102 h. double fire
Boiler.

of the 92 h. P.
Boiler above refer
to. It was a don
it will give a
power.

You will see
that the amount
above \$2151.65 is
much less than
the rough figure

263

Oct 1874

Messrs Bergmann & Co }
 292, Cal }
 City

Dear Sirs:

We desire to start the
 Newburgh Station this week -
 Everything necessary to its complete
 equipment is on hand with the
 exception of twelve straight Andrews
 connections (half inch holes) eight pressure
 indicators and two "H" dynamo regulators
 and such as soon as these are received
 we can commence supplying light.

Will you please hurry them
 up. We are for various reasons
 particularly anxious to start
 this station at the earliest possible
moment.

Can answer by bearing us to
 the date you will forward the above
 will oblige

Yours truly
 Thomas Edison Consty Secy.
 Wm. S. Small for

check 187

James Harris Esq Secy
Edison Co
Belleville Pa

Dear Sir: We beg to inform you
that we have ordered another engine for
use in connection with the Belleville
installation. It is 11 x 14 and consequently
more powerful than the 9 x 12 in
use at the present time, and will
be placed in service at the earliest
possible date.

Yours truly
Thomas Edison
By Samuel Insull

Feb 1897

James Harris Esq Secy }
Edison Elec Mfg Co }
Bellevue to Penna }

Dear Sir:

We have received your letter of 14 inst in reference to claims against us for material labor in connection with the Bellevue Central Station.

Our records support the fact that there are six parties in Bellevue to whom we are at present indebted. Three of these we have authority to draw upon as in settlement of their claims and the others are as follows:-

| | |
|---------------------|----------|
| A. C. Lebe | \$682.09 |
| P. D. Crider & Sons | 993.90 |
| James Harris & Co | 238.28 |

Have you any objection to our giving the above parties orders upon your company for the amounts due them, the same to be accounted for at our final settlement?

Yours truly

Thomas A. Edison

By David L. Russell

Oct 18/26

W. F. Duncan Esq
Belleville Pa

Dear Sir: The find book and records
that we are indebted to you to the extent
of \$129.75 for machine work performed
in connection with Belleville Electric Light
Station. We shall be glad to have

you draw upon us at three days
sight for the above amount
in Settlement of your Claim

Yours truly

Thomas A. Edison

By Sam. Insull
Attorney

Mch 18, 4

Jerre Stewart Esq
Belleville, Mo

Dear Sir: The paid up own records
that we are indebted to you
to the extent of \$ 134.²³ for
mason work performed by you in
connection with Belleville Electric
Light Station -

We shall be glad to have
you draw on us at ~~the~~ ^{three} days sight
for the above amount

Yours truly
Thomas A Edison
By Sam E. Insull
Attorney

March 1894

Messrs Fox & Miller
 Bellefonte Pa

Dear Sirs: We find by our records
 that we are indebted to you to the
 extent of \$287 ³⁷/₁₀₀ for roofing &
 supplied by you in connection with Bellefonte
 Electric Light & Station.

We shall be glad to have
 you draw upon us at three days
 sight for the above amount in
 settlement of your claim.

Yours truly
 Thomas A. Edison
 By Lawrence
 Attorney

Feb 18/4

Frank L. Haver Esq. Treas
Edison Elec Mfg Co
Sunbury Pa

Dear Sir: We have your letter of 17th inst.
and hadging an order for meter supplies
which latter has been transferred to Messrs
Benjamin & Co, 292 N. 3rd St, New York
from whom all such material should
be ordered. Kindly write the above
firm and confirm the transfer.

We understand your meters ~~photo~~
are not registering properly. Can you
give us any explanation of this trouble
or submit us further details.

The other matters referred to in your
communication are taking our attention

Very truly yours

Thomas A. Edison Controller

By David Sullivan Secy

Enc.

Oct 18/94

W. A. Graves Esq
Albany
N. Y.

Dear Sir: Referring to the attached sketch which shows the position of a lot submitted to me for use for central station purposes in Albany, will you kindly give me the information asked for thereon - etc.

We are aware that the lot is 60' x 70' but inasmuch as it is not in the form of a parallelogram it is necessary for us to know the angles at corners indicated.

Yours respectfully

J. P. S. Dixon

Mch 18/1897

Henry A. Clarke Esq {
 Baltimore
 Md

Dear Sir:

Enclosed we beg to hand you plan showing the general arrangement of our proposed Central Station at Fairview, Md and which we were unable to supply when forwarding you the estimate and contract.

You will observe that this building is designed for a capacity of 4800 lights. We have marked in red the additions which would be necessary for such a plant, which are of course not supplied with or included in our estimate sent you for a 3200 light installation, but which we deemed it desirable to indicate on this plan. We have calculated to supply steam piping &c in connection with the 3200 light plant which would require no alteration whatever in the event of a subsequent increase of station capacity to 4800 lights.

Yours truly

Thomas A. Edison

Oct 19 387
#

Sketching Egg Tray
Chim. Co. for Isolated Lick's
Licks

Dear Sir:

In further reference to Blakely
Sketching we beg to say that it
would cost about \$265⁰⁰ to
furnish you with estimate.

Yours truly,

Wm. H. Hensley

March 19th

Thos. Spencer Esq }
 Hazleton }
 Pa

Dear Sir: We are informed that one of our poles was set in Hazleton directly over some person's water pipe thereby cutting off their supply of water. Will you please have the connection made around the pole and send us a bill for cost of the work.

We also hear that several poles obstruct the sidewalks. Please let us know how many there are and the probable cost of removing them and placing them nearer the road.

Yours respectfully
 Thomas A. Allison, Cashier
 By Samuel Smith

Mch 19th 4

W. H. Dwyer Esq. Pres
Edison Elec. Co.
Fall River Mass

Dear Sir:

In reply to your letter of the 17th inst. we beg to say that our letter of the 14th quoted a balance under the amount due us. We annex a statement and bill for \$8.12 for coal used in your station after our thirty days run was completed but which was included in the bill rendered us.

The within statement shows a balance due us of \$21.34 $\frac{2}{x}$

and you we wish you would very kindly remit the amount due

as just at the present time we
require to use the money.

From our balance should
be deducted \$690.⁰⁰/₁₀₀ for paper
Equalizers not yet supplied and
which will be billed when
sent you. We shall be happy
to receive your check for
\$1444.²⁴/₁₀₀ by return mail.

Yours Very Truly

Thomas A. Edison

By Sam. C. Russell

2/21

4

M^r. Garrison Esq. Treas
 Breckton E. & M. Co

Breckton
 Mass.

Dear Sir,

Referring to your
 favor of 12th ult. as to extra allowances not
 considered in our former of 8th ult.

Having received the copper still together with
 the temporary fixtures we will make allowance
 as per bill herewith. we also the fixtures returned
 the contents of the box which you desired to
 return have not as yet come to hand. we cannot
 therefore make any allowance for these until they
 are received.

W^hether we are in the same position regarding
 this as yourselves we have no real for bid
 but as we are desirous of arranging matters
 satisfactory to you will state to Black at an
 allowance of \$50. - if this will meet with your
 approval you may forward to us.

Lamps. - In reference to our recognition of your claim for those broken, let it state that we will ^{make} allowance of 100 - 100¢ lamps and forward to you immediately as hear from you as to your satisfaction as to the allowances here made.

Johnson rebuilding. - Without further comment we will make an allowance of one-half this amount as rendered in your statement.

Dynamos switches. - We are informed by Mr. Sprague that the switches were delivered but in a different form than that used on the spare dynamos. - being of the nature of plug.

Ledger and Forms. - As your explanation regarding these items is satisfactory we will make the extra allowance of \$111.⁰⁰

We enclose herewith Statement complete for articles returned showing balance in our favor which we trust you will promptly compare and remit collect in settlement. Any articles not returned at the present time and for which credit has not been

allowed will be duly remitted for upon receipt
should you make settlement of accounts prior
to their receipt

Awaiting an early reply and
prompt remittance for the balance due

are

Yours Very Respy

J. A. Edison

Capistrano Dept.
By Saml. Insull

Balance due-

\$2162.14

1891
Oct. 20
100.00
78.00
22.00
1892-1894
1894-1895

Statement March 21st
 Union Electric Illuminating Co.
 Brooklyn, Mass.

399
 4

Wash 1 To Bills Rendered

2844 10

Dr.

By allowances. July 5.

1891.

Less Luminous Tools not sold 974

- Copper still

450 28

- 200 Temporary fixtures without slides not

11 20

- 1/2 Johnsons Expenses. allowed.

100 00

- Expenses on Ledger & Forms

75 09

- Balance

11 60

3062 14

To Balance

2844 10 2844 10

2162 14

Mch 21/ 4

John J. Sillley Esq
Engineer
Demerara
British Guiana

Dear Sir: The Secretary of the British
Electric Light Company of London
England has referred to no correspondence which took place
between yourself and them in regard
to an estimate for an electric light
apparatus to be used for the
illumination of a sugar house
and to consist of 100 incandescent
lamps of from 16 to 20 Candle
power. Enclosed we beg to hand
you an estimate for the supply
of all material requisite for the
installation and operation

of an Edison Electric Light Plant of
one hundred lamps of 100 HP

Capacity. We observe, in one of your
letters to the Republic Company, that you
state you would prefer to use a
Westinghouse engine.

For the successful operation of an
electric light plant it is necessary
that the motive power should be
very reliable and maintain a
uniform speed during the run
otherwise undesirable variations
in the light will be observable.
The Westinghouse engine we do not
consider at all fitted for our
work, this decision having been
reached from the result of
practical test, and in our

estimate enclosed we propose the adoption of an Armington ^{or} Shino Engine - of this kind we have one hundred and ninety in operation and we recommend them above all others - The testing house takes from 45 to 50 lbs of water per horsepower while the ATS only requires 30 lbs per HP.

In regard to lamps we get $7\frac{1}{2}$ to the horsepower - The $8\frac{1}{2} \times 10$ ATS Engine has a nominal rating of 35 horsepower - we have taken fifty out of it with 125 lbs pressure but would not advocate such heavy work as a general thing - Taking the

4

nominal rating you will see there is plenty of margin.

The life of a 16 Candle Power Lamp, if run at 16 Candles, is about 600 hours - if run at 20 candles they would have a life of about 400 hours and running them at 14 Candles they will last 1000 hours.

We ^{would} propose sending you a supply of nickel plated metal corrugated reflectors. By using these you will be enabled to utilize every ray of light and we think you will find it unnecessary to run the lamps over 14 Candle Power as many candles of light


are gained by the perfect
concentration possible with
an electric lamp, in comparison
with gas or other artificial light.

It is wholly unnecessary to order a larger supply of lamps than to start with than those specified in our estimate as they can always be readily obtained by addressing a letter to us.

In installations of larger capacity than the one you require it is customary and considered advisable to supply one spare dynamo machine so as to provide against the possibility of an

accident to the machines in use. Under 1600 lights however spare machines are not used but we provide an extra armature for the same purpose. We include in our bid about 5500 feet of wire which we presume will be a sufficient quantity to distribute the lamps over the area you desire lighted.

In one of your letters you state you require but plain fixtures. We send prints of those we have selected. The shades before mentioned are shaped more after this

style  than as represented on the cuts, and will more effectually concentrate the light. The above is a combined shade and holder -

We also send you a catalogue of the Edison Company, for Isolated Lighting, who do business in the United States, and which contains cuts of pictures of a more elaborate style than those we propose sending you and some of which you may desire to select for house lighting.

The prices we quote are cash against bills of lading delivered Free on board New York.

In conclusion permits us to
express our regret at the
delay which has taken place
in forwarding this information.

The correspondence from the
English Company was delayed
in transit otherwise you would
have been in receipt of a more
prompt communication from us.

Awaiting your reply we
beg to remain

Very truly yours,

Thos. J. Harrison

By Paul Insall atty

Sept 21/4

W. S. Andrews Esq
Newburgh
N.Y.

Dear Sir: Immediately the
Newburgh Station starts
there is a payment due us
of \$11,500⁰⁰/₁₀₀.

Will you please
use your best Endeavors to
get this for us. To tell
you it is urgently required
would be superfluous.
When do you propose
starting the station?

Yours Very Truly

If you are in full
part

417
Feb 24/ 4

Messrs Bergmann & Co
272 Abchurch Lane
City

Dear Sirs: In regard to standardizing
anvil meters will you kindly have
a little more care used in marking
the scale. On some instruments you
have recently supplied us the
workmanship was very rough - so
much so indeed that one of the anvil
meters at Chesham will have to be
supplied by us with a new
plate of graduation whereas a little more
care in the first instance would
have developed a neat job and
rendered our intervention unnecessary.
Yours truly
Wm. J. Alderson & Co. Secy
J. S. Russell

Mich 20/11

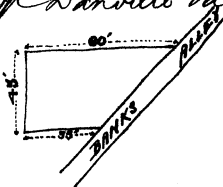
W. Burton Sir Esq
 W. Capt. A. Pizzini
 Richmond Va

Dear Sir: Danville Lot

Re the above. This lot is situated on Banks Alley and as far as is the one best suited for use for Cattle Station purposes.

In preparing our estimate we desire to know whether it is possible to obtain access to the lot from any point except Banks Alley; also will you kindly ascertain for us the grade of lot in relation to said alley. Following is a sketch and description of real estate in question as submitted to us on our

Chart of Danville Va.:-



We would ask you to very
kindly hurry this information
as much as possible as matters
in connection with the Danville
Estimates must remain in abeyance
until it is received -

Very truly Yours

Thomas Edison Construction Dept
By Samuel G. Mearns

had two inches in space, four-
sides five feet deep eight feet
square.
Top of chimney four feet eight
inches square. If you have
to this for central space will
suit diagonals at once.
Unusual quiet. W.D. Rich

3/25

4

Money Clerk.

Pegus' this

stead must be six feet two
inches at base outside. with
distances mid walls built plank
to top of chimney, then twenty-
three feet tall mid wall then
the twenty three feet eight inch
mid. with ornamented cap.
Independent circular floor
thirty inches diameter. four and

425

W. Dick Egan
Assistant O.

Dear Sir,

Owing to the
change in location of Central station
it will necessitate a change in
fictives as follows.

Fictive starting at Central
station and joining machine at point
marked 2 ^{as per plan.}

Fictive starting at Central
station and joining machine at point
marked 1. ^{as per plan.}

We are advised this
day of the shipment of said fictive
was 8.

The only wire now at Piquet
which can be used in the inner
black is ^{the} two lines, which then
is there at present points.

Very Truly,

W. A. Edwards

3/25

Charles Hall

Detroit Mich

Chart and building plan

mailed last night

T. A. Edwards

Feb 29 4

To the Proprietor
Winnetka Hotel
City

Dear Sir: The Genl. M^{rs} Ginnance
desires to obtain for me some
information in regard to the
number of lights employed in
your establishment.

I shall appreciate very
highly any privileges you
may extend to him -
Yours truly

Thomas A. Edison

Feb 25/4

Mr J S Gimshaw

1144 Washington

Factor Bury

Dear Sir:

We notice you do not appropriate your expenses properly in accordance with the order provided for that purpose on the back of expense sheet.

Expenses incurred during the course of any tour are chargeable to such item. Salary and Allowance are chargeable to such item in direct proportion to the time consumed in completing the various Fielding Tour

Expenses incurred on travel together with salary and allowance during period of travel are chargeable to the town you are representing.

In every case the ~~the~~ amount
of each response ~~that~~ must
be charged out on the back
of the form.

Thomson & Johnson

E. M. White

Book 36/1 #

W.D. Rich
 South House
 Bellefonte &
 Newburg Express
 not arrived there
 yet - station
 N. 1000 in station
 today -
 Saml. Shauls

Book 37

Two, Spencer
 of whom the W.D. &
 May let on the
 have made out the
 tell thirty eight and
 half feet long -
 that is trouble
 Thomas C. Edgery

10/16

4

10/16

March 7th 4
 A. Stuart, Secy
 Ohio Iron Works
 Cincinnati
 Mail Block Estimate
 Thomas A. Edison

March 28th *
 Geo. W. Wilbur
 Wagner & Son
 Chicago
 James Troy
 next Samuel Sholly

Truck #
 Geo. H. Ellis
 51 @ 53 Madison
 Chicago Ill
 Sent you *Blackburn*
~~Letter~~ *Letter* ~~with~~ *with* ~~the~~ *the* ~~note~~ *note*
~~and~~ *and* ~~for~~ *for* ~~mail~~ *mail* ~~sent~~ *sent* ~~it~~ *it*
 last night

Edward Quincy
 1

Mch 29/4

Alfred Bergmann & Co }
 292 Ave B }
 City }

Dear Sirs: Please hurry forward
 the "B" Ampere meter, Fuses
 Regulators & pole line safety
 catches for Middletown.

Our men are waiting for
 the above to complete the
 system and start the
 station -
 yours truly

Thomas Edison Construction Co
 By Samuel Merrill

Statement Profits
Edison Electric Light Central Station.

3200 Lamps - 10 cp. each -
2.50 per 2000 Candles

| Qtrs | Quarterly | Yearly | Net | Prc Cpr | REMARKS |
|--------------------------------------|-----------|----------|----------|---------------------|---|
| Days | Receipts | Expenses | Profit | PA Dividend | |
| 4 | 48000 | 13982.- | 34,017.- | 42 $\frac{8}{100}$ | This estimate is based on an assumption of cost of installations of \$25,570. ⁰⁰ Capitalization of \$80000.- Coal at \$3.50 per Ton 24/1/84 |
| 3 1/2 | 42000 | 13257.- | 28,743.- | 35 $\frac{25}{100}$ | |
| 3 | 36000 | 12528.- | 23,472.- | 29 $\frac{48}{100}$ | |
| at 2. ⁰⁰ per 2000 Candles | | | | | |
| 4 | 38400 | 13983.- | 24,417.- | 30 $\frac{8}{100}$ | |
| 3 1/2 | 33600 | 13257.- | 20,343.- | 25 $\frac{42}{100}$ | |
| 3 | 28800 | 12528.- | 16,272.- | 20 $\frac{24}{100}$ | |

44/21

3200.

1000.

[illegible]

Having Amsted by
 your success &
 W. 28th St

Dear Sir, I have

will do for you at
 the success of your
 business as it is

your success &
 your success

your success

your success

your success

your success

your success & success

your success

your success & success

your success & success

your success & success

your success & success

your success & success

April 4th 11

Col. J. S. Baugh.
Watermill
Maine

Dear Sir

We send under
separate cover estimates, maps and
pole line specifications for Watermill
which trust will come safely
to hand and prove entirely
satisfactory

Very Respectfully
J. A. Edison
Circuit and Dept.

Apr 5 4

W. S. Keith Esq
Room 16, 237 Broadway
City

My Dear Mr. Keith:

I find that I will
be unable to be here tomorrow
afternoon and must therefore
suspend my engagement with you
until the Sunday following.

Regretting this unavoidable post-
ponement I am

Yours very truly

W. S. Keith

April 7 #
 Thomas & Clara
 Menlo Park

W. P.
 You've gone out this
 morning. Don't fail
 to be tonight at the
 Committee meeting

Samuel Barclay

4
C. E. Churchill, Esq.
Suplt. E. & E. M. Co.
205 Canal St.

City New York

As the articles we delivered to the East Station and we should be pleased to hear from you as to whether you wish to retain this permanent letter or if the latter we shall be pleased to have you return it within the next few days but if the former we desire to make the change now made.

submitting an early
reply as we
Yours Very Truly
T. J. P.

4
Mr. M. D. Bailey, Esq.
Care. E. & E. M. Co.
Fall River

Mass.
Dear Sir

As the articles we forwarded you a. covered box for understanding your permanent indication of the subject to please to hear from you as to whether you wish to retain it after studying these instruments. an early reply will oblige

Yours Very Truly
T. J. P. Esq.
Care. E. & E. M. Co.

April 8th 4

Mr. Luke C.
 265 Washington St
 City

Dear Sir:

Referring to the Chart of
 Yperlantia which we send you
 herewith, and to the annexed
 determination of the Cost of the
 said metallation in accordance with
 said chart, will you kindly check
 these figures and if they are correct
 certify to them returning all papers
 to us to-morrow sure -

Yours truly



A. G. King

Enclosed we beg to send you
our estimate \$2406. for the metalation of
an Edison Elec Light Central Station Plant
of Portland Me. of 3200 lamps capacity
and amounting to \$93001.²⁵ x

You will observe that by metalating
a 3200 light plant in the first
place a saving of \$6958⁶⁰/₄ will be
effected now the arrangement of a
1600 light metalation to start with
and a subsequent increase to 3200
lights. The plan of building.

Specification of Street installation
will be sent you tomorrow
together with building Specification.

In relation to the copy of
our revised contract, as you are
aware we only revised the overhead
document - We have - through lack
of time - been unable to re-write
the contract for underground installations
but have the matter now in hand
and the first available copy
shall be yours.

Believe us we regret exceedingly
our inability to dispatch these
papers to you yesterday as

promised. We trust we have
 caused you no inconvenience
 and that your expectations in
 regard to the probable amount
 of the estimate will be
 realized upon its reception
 as we have taken particular
 pains to produce as low a bid
 as is compatible with the
 amount of work we should
 have to perform.

We beg to remain

Very truly Yrs

Thomas Edison Const. Dept.

By Saml. Merrill

April 8 18

J. C. Walker Esq }
 Newburgh }
 N.Y. }

Dear Sir:

Is it your habit, when introducing services, to thoroughly test your wires before connecting them to the mains?

We have heard that many of your services were grounded.

You should in every case be particularly careful to ascertain that there is no leakage across the conductors nor to gas pipe through the ground -

Yours truly

Thomas A. Edison Esq

By Samuel Hall

Thomas A. Edison Construction Department Letterbook, LM-019

This letterbook covers the period April-June 1884. Many of the letters are by Edison. There is also correspondence by Samuel Insull. Most of Edison's letters are in the hand of Alfred O. Tate, acting as Edison's secretary. Included is correspondence relating to the purchase of supplies and equipment and to the payment of overdue bills. There are also cost and profit estimates for central stations in New Brunswick, New Jersey; Niagara Falls and Roundout, New York and Buenos Aires, Argentina. In addition, there are some letters concerning Edison's health. Among the recipients are William S. Andrews, Armington & Sims, Spencer Borden, Thomas P. Conant, and Henry A. Rowland. The front cover is marked "Construction Dept No 6," and is stamped "T. A. Edison. Construction Dept., 65 Fifth Ave, New York." The spine is labeled "1884" and is stamped "Letters C D 6." The book contains 500 numbered pages and an index. Approximately 40 percent of the book has been filmed.

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THOS. A. EDISON,
Central Station Construction Company,
66 Fifth Ave., N.Y.

New York

1888

To,

Spencer Borden Esq
Fall River Mass

DEAR SIR:

I send you ~~the map of the town of Springfield Mass~~ Blue Print of Springfield Mass on which I have marked in red pencil the position of the town within which it is desirable that our Electric Light Central Station should be located. I shall be glad if you will obtain for me information on the following points concerning any lots for sale within the area marked:

Exact size of each lot,

Price of each lot,

Nature of soil,

Whether each lot is taxed,

Elevation of each above water level,

If there is a building on any of the lots, and whether wood or brick; and for what purpose it has been used.

Full dimensions of building, including height of roof, thickness of walls, size of rooms, whether more than one story,

Whether building in good repair.

When sending me this information, please return Blue Print with the position of each lot clearly marked on it.

It is not at all necessary that the lot for our Central Station should be located on a prominent street, where property is in great demand and consequently very expensive. We desire a lot as near the centre of lighting as possible, and such a lot can usually be obtained in a back street or alley, where property, as a rule, is comparatively cheap.

Please reply as promptly as possible, as it is impossible for me to proceed with the estimate until I receive the above referred to information.

Yours truly,

Thos A Edison

Niagara Falls N.Y.

6 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100



Estimated Profits of Central Station at Niagara Falls N.Y.

500 lamps of 100h. (2/2) 50 per 200 Candles.

| Yearly Expenses | Yearly Receipts | Yearly Expenses | Yearly Receipts | Yearly Expenses | Yearly Receipts |
|--------------------|--------------------|--------------------|--------------------|--------------------|--|
| 5 | 5000- | 5000- | 2000- | 1000- | 10000- |
| | | | | | This profit is on the assumption that the Co. will be in italy at noon. |

4/13 4

Safety catches Middleton Phil

| <i>clans</i> | <i>no catches</i> | <i>experts</i> |
|--------------------------------|-------------------|----------------|
| <i>Fedr. 1/- for Fedr. 1/-</i> | 3 | 140 |
| 1-A | 3 | 35 |
| 1-D | 3 | 15 |
| 1-2 | 3 | 90 |
| | | 10 |
| <i>at B. B-C</i> | 3 | |
| <i>Fedr. 2/- for Fedr. 2/-</i> | 3 | 300 |
| 2-1 | 3 | 50 |
| 2-E | 3 | 95 |
| 2-J | 3 | 55 |
| 2-F | 3 | 105 |
| | | 50 |
| <i>at F F-G</i> | 3 | 40 |
| F-H | 3 | |
| | | 32 |
| <i>at J 2-J</i> | 3 | |
| | | — |
| <i>Previous this</i> | 6 | |

869 Lights

D
1184 Lamps.

Safety catches Regina Ohio 4/13 4
 claims no catches. Ampers. Sig. manifestations

| | | | |
|------------------------|---|-----|-------------|
| Fred. 1 alt. Fred. 1/. | 3 | 175 | 37,000 per |
| 1-F | 3 | 75 | 105,000 per |
| 1-J | 3 | 50 | #5 |
| 1-A-B | 3 | 45 | #4 |
| Fred. 2 alt. Fred. 2/. | 3 | 220 | 149,800 per |
| 2-F | 3 | 65 | 105,000 per |
| 2-C | 3 | 65 | #4 |
| 2-E | 3 | 95 | #0 |
| Fred. 3 alt. Fred. 3/. | 3 | 200 | #3 |
| 3-F | 3 | 60 | 105,000 per |
| 3-J | 3 | 65 | #5 |
| 3-H | 3 | 75 | #4 |
| alt. B. for B-1 | 3 | 45 | #4 |
| C - C-D | 3 | 30 | |
| F - F-1 | 3 | 75 | 105,000 per |
| main F-G | 3 | 80 | 105,000 per |
| Belmont 3 & J | 3 | 50 | #5 |
| Account E with | 9 | - | - |
| 60 Safety catches | | | |

Niagara Falls N.Y.

10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100



Estimated Profits of Rental Station at Niagara Falls N.Y.

For month of ~~Aug.~~ ~~1900~~ ~~1901~~ ~~1902~~ ~~1903~~ ~~1904~~ ~~1905~~ ~~1906~~ ~~1907~~ ~~1908~~ ~~1909~~ ~~1910~~ ~~1911~~ ~~1912~~ ~~1913~~ ~~1914~~ ~~1915~~ ~~1916~~ ~~1917~~ ~~1918~~ ~~1919~~ ~~1920~~ ~~1921~~ ~~1922~~ ~~1923~~ ~~1924~~ ~~1925~~ ~~1926~~ ~~1927~~ ~~1928~~ ~~1929~~ ~~1930~~ ~~1931~~ ~~1932~~ ~~1933~~ ~~1934~~ ~~1935~~ ~~1936~~ ~~1937~~ ~~1938~~ ~~1939~~ ~~1940~~ ~~1941~~ ~~1942~~ ~~1943~~ ~~1944~~ ~~1945~~ ~~1946~~ ~~1947~~ ~~1948~~ ~~1949~~ ~~1950~~ ~~1951~~ ~~1952~~ ~~1953~~ ~~1954~~ ~~1955~~ ~~1956~~ ~~1957~~ ~~1958~~ ~~1959~~ ~~1960~~ ~~1961~~ ~~1962~~ ~~1963~~ ~~1964~~ ~~1965~~ ~~1966~~ ~~1967~~ ~~1968~~ ~~1969~~ ~~1970~~ ~~1971~~ ~~1972~~ ~~1973~~ ~~1974~~ ~~1975~~ ~~1976~~ ~~1977~~ ~~1978~~ ~~1979~~ ~~1980~~ ~~1981~~ ~~1982~~ ~~1983~~ ~~1984~~ ~~1985~~ ~~1986~~ ~~1987~~ ~~1988~~ ~~1989~~ ~~1990~~ ~~1991~~ ~~1992~~ ~~1993~~ ~~1994~~ ~~1995~~ ~~1996~~ ~~1997~~ ~~1998~~ ~~1999~~ ~~2000~~ ~~2001~~ ~~2002~~ ~~2003~~ ~~2004~~ ~~2005~~ ~~2006~~ ~~2007~~ 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~~3007~~ ~~3008~~ ~~3009~~ ~~3010~~ ~~3011~~ ~~3012~~ ~~3013~~ ~~3014~~ ~~3015~~ ~~3016~~ ~~3017~~ ~~3018~~ ~~3019~~ ~~3020~~ ~~3021~~ ~~3022~~ ~~3023~~ ~~3024~~ ~~3025~~ ~~3026~~ ~~3027~~ ~~3028~~ ~~3029~~ ~~3030~~ ~~3031~~ ~~3032~~ ~~3033~~ ~~3034~~ ~~3035~~ ~~3036~~ ~~3037~~ ~~3038~~ ~~3039~~ ~~3040~~ ~~3041~~ ~~3042~~ ~~3043~~ ~~3044~~ ~~3045~~ ~~3046~~ ~~3047~~ ~~3048~~ ~~3049~~ ~~3050~~ ~~3051~~ ~~3052~~ ~~3053~~ ~~3054~~ ~~3055~~ ~~3056~~ ~~3057~~ ~~3058~~ ~~3059~~ ~~3060~~ ~~3061~~ ~~3062~~ ~~3063~~ ~~3064~~ ~~3065~~ ~~3066~~ ~~3067~~ ~~3068~~ ~~3069~~ ~~3070~~ ~~3071~~ ~~3072~~ ~~3073~~ ~~3074~~ ~~3075~~ ~~3076~~ ~~3077~~ ~~3078~~ ~~3079~~ ~~3080~~ ~~3081~~ ~~3082~~ ~~3083~~ ~~3084~~ ~~3085~~ ~~3086~~ ~~3087~~ ~~3088~~ ~~3089~~ ~~3090~~ ~~3091~~ ~~3092~~ ~~3093~~ ~~3094~~ ~~3095~~ ~~3096~~ ~~3097~~ ~~3098~~ ~~3099~~ ~~3100~~ ~~3101~~ ~~3102~~ ~~3103~~ ~~3104~~ ~~3105~~ ~~3106~~ ~~31~~

April 8

Washier
Germania Bank
A. F. Y.

Dear Sir:

Enclosed please find
note of the Edison Co. for
billed lighting payable
sixty days from date to
my order and amounting
to \$3018⁹⁰/₁₀₀.

I should like you
to discount this for me
to day. Kindly let me
know if the process will
be credited as above requested
Yours, oblige
Sincerely,
Wm. A. Edison

29

April 10th

I am enclosing
7 Germania Bank Co.

Germany Bank Co.

to the Edison Co. as order
is made of Eugene
Edison.

14/25

11 Oct. 1887.

Dec 1. 1871

Dec 1. 1871

Dec 1. 1871

Dec 1. 1871

Why have you not
 reported to me with
 regard to the
 engine by telegraph.
 It is necessary to send
 a telegram to the
 engine house men.
 at night Thursday.

Dec 1. 1871

Dec 1. 1871

Apr 27/97

W. A. Doolittle Esq. Treas
Canaan Ore. Aug 18
Fall River Mass

Dear Sir: In reference to our order
I have the amount of your bill to
the \$2246⁰⁰ - less \$670⁰⁰ for
Tucker & envelopes (which are being
constructed & will be finished in an
a few days). Will you be kind enough to
send me your check for \$1576⁰⁰
upon receipt of the \$670⁰⁰.
This payment has long been made
and I require the money for
immediate wants.
Yours truly
H. A. Doolittle

Apr 22nd 4

Ex. or. Ex. Treas
 Edison Elec Mfg Co
 Lawrence Mass

Dear Sir:

Referring to your \$6 note, no,
 which I find by reference to our records
 amounts to \$24 18⁰⁰/₁₀₀, I have some
 very large payments to meet on Saturday
 and wish you would be kind enough
 to endorse your check in settlement of the
 above. Awaiting your reply I am

Yours Obedtly
 Thomas A. Edison

Alfred Bergmann & Co
292 Ave B.

City

Gentlemen

We beg to inform you
that we have a contract with the
Government of Chile for furnishing material
which shall be at prices as favorable
to other parties by the Government with you
in view of these facts kindly furnish us with
maximums as allowed by you to the Government
Co. for articles of your manufacture, as
it is understood is to be treated as com-
petitive

are

Awaiting a prompt reply we

Yours &c.

J. T. Edison
Constantine

Apr 25 4

W. S. Andrews
488. Electric Light Station
Piqua

When will Piqua
start Saw & Mill

4/26.

M. S. Andrews

9-E. E. M. Co.

Piqua O.
Inquiries you should start

Piqua Station Monday if

you have to work all day.

Sunday. P. A. Edison

7/10/04

4/26 4

St. Peter's
Bay, Ohio
John W. St.

Cincinnati O.

Myll sent out on my return from
Florida. Had to sail to meet the
bag a journey also and much
tried for the complaint I had
and to send with immediate

Edward

4/26
185

11/11
2/11
185

Dear

Dear Mr. St.

Myll sent out on my return from

Florida. Had to sail to meet the

bag a journey also and much

tried for the complaint I had

and to send with immediate

Oct 27 4

Henry C. Clark

5 New Building
Baltimore Md

Will mail Monday -
Estimate Monday -
Shut handle up

2/5

Oct 27 4

W. Preston Davis

Wilmington Delaware

Louisville Ky

Richmond sent left
with Capt. Dix's men
for you to report re
mill estate testimony
Monday Dec 1st. Not
returned yet.

5
Shos. A. Cairns

West &
 W. C. Andrews
 John E. & Co
 Chicago

Mr. Edison has
 agreed to leave
 City. Has written
 original questionnaire -

Louis Dwyer

12/17/74

Apr 28/4

A. E. King Esq
Box 3311
Bastow, Cal.

Dear Sir: Enclosed, we have pleasure
in handing you a copy of our
revised contract for overhead
installations. The price for underground
installations is not yet ready, but
there will be no material change
in it. Yours truly

Thomas Edison Electric Co.
By Sam. Insull,

Apr 29 4

M. L. Dentons
Tupelo, Miss
Ct. 1894

Dear Sir: In the request of Mr
Stant we send you herewith a
bid for an Edison One Light
plant, amounting to \$874.54.
This amount includes the salary
and travelling expenses of a
man to superintend the work
but does not provide for his
expenses while engaged in
connection with the installation
of the plant. The amount
we allow is to cover the

salary of such a man for
 a period of sixty days, the
 chance of the true amount
 hauling. Should we dare
 to retain him longer than
 sixty days it would be
 necessary for us to charge
 extra. We are interested in
 the foregoing, his having spent
 for the period of sixty days
 must be paid for in addition
 to the amount in charge. We
 cannot include them as we
 are unaware of the probable

Call your attention to the dynamo
we propose supplying you
with - This is an H machine
and its capacity is 400 lamps
of 16 candle power or 800 lamps
of 10 candle power - If ten
and sixteen candle power lamps
are distributed throughout
the circuit it has ample capacity
for supplying current to 500
of them.

All prices, as quoted, are
F.O.B. New York - Cash against
bills of lading.

Respectfully yours

instructions in the matter
we hope to remain

Yours Very truly

Thos. Edison

4/29

W. G. Chalmers Esq.
9- E. 8 St. N. C.
Cape Cod

Dear Sir, Will you kindly
advise me whether the goods referred
to in within list are acceptable to
the Ill. Co. or to Central Station
at Chubbuck et. & as you will
advise Ill. Co. refer to the order
as having been received from
you.

An early reply will oblige

Yours etc.

J. A. Edwards
Contractor. Wash. D. C.

Apr 30 4
 H. Ward Leonard
 Editor Elm Light Station
 Middletown
 Ohio

Have you mailed Middletown
 map with information re
 street lighting - Supply
 lamp & shield

—
 H. W.

Apr 30 4
 John J. Perry, Esq.
 9 Union Ave. Weymouth, Mass.
 Bridgewater, Pa.

Not at map showing proposed
 extension and immediately
 indicate engineering progress &
 extend street to highway
 just west of street & our kindred
 feet west of street. Amount \$1000
 Amount \$1000. Amount \$1000.
 J. A. Edison.

May 21 4
 Mack Brown
 Worcester

Dear
 Your Boston answer not
 yet received. Will
 push it but impossible
 to complete today
 Truly
 yours

May 27 "
 A Stuart Dear
 One 60 Vin St
 Cincinnati, O.
 Andrew's advice that
 would be sent
 Wednesday morning
 not received. Will
 send it mailed
 Thomas A. Edison

Estimated Profits Roundabout N.J.

| 1000 Shares at 2.00 per Share Capital | | | | | CAPITAL 30000 |
|---------------------------------------|--------------------|--------------------|---------------|--------------|-------------------------|
| No Shares | Yearly Receipts | Yearly Expenses | Net Profit | Per Share | |
| 4 | 15000.- | 6251.- | 8769.- | 20.17 | Distribution |
| 5½ | 13125.- | 5970.- | 7155.- | 23.14 | Cost of Plant 20,976.69 |
| 3 | 11250.- | 5706 | 5544.- | 18.80 | Land C. |
| 2½ | 9375 | 5442 | 3933.- | 15.73 | Plant C. |
| | | | | | Treasury 523.31 |
| | | | | | 30,000.00 |

Juanes Reyes
1880

Vegetables

6 4
600 600

100 100
200 200

Herbs

800 800
350 350

150 150
20 20

75 75
10 10

12 12
25 25

533 666
50 45

10 10
80 80

75 75
350 350

99 99

5569235

1000 1000

Estimated Profits
Juanes Reyes

1000 sample

| No | Yearly Receipts | Yearly Expenses | Profits | % |
|----|-----------------|-----------------|----------|---|
| 5 | 45000 | 12,126.- | 32,874.- | |
| 4 | 36000 | 9405.- | 26,595.- | |
| | 5569235 | | | |

Estimated Profits

Guano Sales

| 1890 Summary | | | | |
|--------------|----------------|----------------|----------|--|
| No. | Yards Receipts | Yards Expenses | Profits | |
| 54 | 72,000 | 12,680.- | 59,320.- | |
| 4 | 57,600 | 12,126.- | 45,474 | |

5/2/92

5/2/92

1890 Summary

Guano Sales

54 72,000
4 57,600
12,680.-
12,126.-
59,320.-
45,474

May 28. *

Chambers & Co
 19 Wall St
 N.Y.

W. J. Chambers Esq
 of E. & G. Wall St
 N.Y.

May 28. *

Dear Sir
 I have the honor to

Dear Sir
 I have the honor to

acknowledge the receipt of your letter of the 25th inst. in relation to the purchase of 1000 lbs of No. 10 cotton seed oil. I have just ordered as directed and will forward the same by express to New York by the next mail. I am, Sir, very respectfully,
 Yours,
 W. J. Chambers Esq
 of E. & G. Wall St
 N.Y.

W. J. Chambers Esq
 of E. & G. Wall St
 N.Y.

W. J. Chambers Esq
 of E. & G. Wall St
 N.Y.

5th May 4

Howard Leonard Esq.
Middleton
O.

Dear Sir,

I understand from Mr Stuart that the pavement around our poles is in very bad condition. If so & if the trouble is owing to our men please have the trouble pavement fixed at once.

Have the poles been painted. Mr Rich gave a contract to a local Painter. Please hurry him at his work yours truly

Sam E. Smith

May 5th 11

W. Seidmann Esq.
 Chief Electric Engineer
 Piquette, O.

Dear Sir:

I am in receipt of your letter of 30th ult in regard to motors.

Bergmann and Co. can supply driving machine motors and 1/2 hp. motors but to utilize them you would require to run a day circuit, and at present that point may

Yours truly
 Thos A Edison

May 9 4

Mr John Ott
Laboratory

Sir: We send you a card of rules which
are prepared for use in connection
with pressure indicators -

This card was prepared before the
latest type of indicator was
arrived at and we want to
know if it will properly apply
to these improved instruments -

Please let us have this information
at once ^{oblige}
Yours truly

Thos. A. Edison Constable
By Saml E. Inall

Walt at extra cost

James D. Livingston

May 27 "
N.D. Rowland

Baltimore old
Letter paid not paid
Fifty light machine hundred
had ten rolls forty five
superior This hundred dollar
Twenty five light machine
Twenty five superior hundred
and ten rolls three
hundred fifty dollars
Can mind for higher

516.

W. G. Anderson Esq.
 Andover O.

Dear Sir

We have this
 day forwarded per Express
 per Pack N. Metro. L. & Co. Ltd.
 Cards as per your request
 of 3rd inst. Very Resp.

W. G. Anderson
 Esq. Andover O.

Very of H
 W. G. Anderson Esq.
 Union Electric Station
 Andover O.
 If possible to
 return before here
 please come here
 soon as possible
 Yours O. Anderson

D.

H. May

t.

Safety Catalog in Figure. Ohio.

| class. | cl. of catalog | figs in . . . | figs . . . |
|---------------|----------------|---------------|------------|
| Feeder 1/ | At Feeder 1/ | 3 | 175 |
| | 1-F | 3 | 75 |
| | 1-B | 3 | 50 |
| | 1-A-B | 3 | 45 |
| Feeder 2/ | At Feeder 2/ | 3 | 220 |
| | 2-F | 3 | 65 |
| | 2-C | 3 | 65 |
| | 2-E | 3 | 95 |
| Feeder 3/ | At Feeder 3/ | 3 | 200 |
| | 3-F | 3 | 65 |
| | 3-F | 3 | 60 |
| | 3-H | 3 | 75 |
| At B. for B-1 | | 3 | 145 |
| C. C-D | | 3 | 30 |
| F. F-1 | | 3 | 75 |
| F. F-G | | 3 | 80 |
| Behn | 3-F | 3 | 50 |

27,000 d.m.

105,000 d.m.

25

24

149,000 d.m.

105,000 d.m.

24

24

24

24

24

24

24

24

24

24

24

24

24

24

Reference

97
60 Catalog

N

4

Thos. Spencer Esq.
of E. E. M. Co.

Piquette Ohio

Dear Sir

We send herewith blue
print and memo. of mains and feeders with
number of safety catches and amperes for
that station as requested by Mr Andrews.

Very Resp^{ly}.

J. A. Edison
Chief Eng^r

May 7th 4

Spencer Borden Esq
Fall River
Mass

Dear Sir: We send you herewith
estimate, Specification of Building,
Specification of Street Installation,
Plan of Building and Chart of
District, all relating to Chicago
Maid, the said estimate amounting
to \$25,984²⁴/_x and proposing a
plant of 800 lamps, 10 c.p. Capacity,
supplied by underground conductors.

Hoping these will reach
you early we are
Yours respectfully
Thos. J. Edgemoor Constable
Jas. J. Sullivan

May of 4

Chas. F. Hughes Esq
 Poughkeepsie
 N.Y.

Dear Sir:

We have pleasure
 in sending you under same cover
 the following documents in reference
 to Rondout N.Y.

Estimate #129 - 1000 lamps - \$29,976⁶⁹/₁₀₀ overhead
 " 129A 1200 " - \$25,437³¹/₁₀₀
 " 129B 1200 " - \$35,666⁸⁹/₁₀₀ underground

A chart of the district accompanies
 each of the above estimates, the
 first covering 1058 lights and
 the two last named 1079 lights.
 In the case of each

of these three bids we would
propose erecting the same
building and for this reason
but one building plan has
been sent to you, together
with specifications of same:

In addition to these we
send specifications of street
main for each estimate and
trusting this may reach
you safely we are
Yours truly,

Thos. E. Dixon, Com. to Dept.
of Public Works

May 87 4

Hutchinson Esq Secy
Edison Co. So. City

Dear Sir: ^{City}
Erie Ry data
In compliance with your
request 2nd inst. we beg to hand
you all the data we have had
in relation to the Erie Railway
terminus Jersey City.
Yours truly

Thos C Edison Const. Dept
of Sand Insects

May 4

Ch. Stuart & Co.
Ohio Edison Co. Inc.
Cincinnati, O.

Dear Sir:

We send you under separate
cover our estimate of \$128 for the
installation of an Edison Elec. Co.
Central Station plant of 1000 lamp
capacity at Covington Ky.
amounting to \$29,432 ⁶⁰/₁₀₀, and
providing for underground conductors.

We also send you plans of
building with specifications of
same, charts of district and
specification of that district
and feeders.

C. S.

Mar 8/14

made, as requested by
you orally, an approximate
estimate on the street installation
overhead and the same
amounts to \$4428.⁶⁰

Hoping these figures will
be found satisfactory to you.

We are
Yours very truly

Thos. S. Edwards
By J. L. Edwards
and others.

May of 1904

F. B. Hastings Esq, Treas
Edison Elec Light Co
City

Dear Sir: Enclosed we beg to hand
you our estimate \$2134 for the
installation of an Edison Elec Light
Central Station Plant of 1600 lamps
capacity at New Bedford Mass,
proposing overhead conductors
and amounting to \$33,393⁰⁰/₁₀₀.

We also send you plans and
specification of building, which
is arranged for increase to
3200 lights, the steam

firing re being of sufficient capacity to accommodate such an increase without alteration.

In addition to these you will find enclosed a two charts of the district with specification of conductors, which latter cover 1993 lights.

Yours truly

Thomas Alderson Comdr Dept

By Samuel Inoull

Champion Brass & Copper Co.
19 & 21 Clifton
City

Dear Sirs: We have 577 lbs $\frac{419}{1000}$ " dia.
bare copper wire which we desire
to have drawn down to $\frac{203}{1000}$ " dia
(70% Redd.) also 979 lbs $\frac{24}{1000}$ " dia (800m)
which we wish drawn to $\frac{264}{1000}$ " dia (82.4m)

Could you kindly let us know
about what it would cost to
accomplish this and how soon after
the receipt of the wire by you
at your mills it could be
re-shipped.

Yours truly
Thos. C. Edison Weston Light
Mr. Samuel Hall

May 9/ #

C. D. Stuart Esq Secy
Ohio Edison Elec Co
6th & Vine Sts
Cincinnati O.

Dear Sir: Enclosed we beg to hand
you our bid for the work you
desire us to undertake in connection
with your Archville installation
together with duplicate form of
agreement. We would call your attention
to the fact that we have eliminated
from this agreement the clause
usually inserted giving us the
right to retain the first and
second payments as liquidated
damages, claiming the right to
return the first payment only.
We trust you will find
this contract satisfactory and we
wish you would wire us
immediately it is signed.
Enclosed also please find
schedule giving detailed prices
of the material we propose furnishing.

Yours truly
C. D. Stuart

May 10th 44
 W.A. Howland
 Baltimore
 Md.

Dear you: twenty five
 light machine Speed
 about ten hundred and fifty
 revolutions per minute.
 now ship not resistance
 box to control shroud of field
 magnet as think you
 may need it.
 Jno. A. Edison

Stewart Secy
 Ohio Chem. & Electro. Co.
 Cincinnati, O.
 Please mail Cincinnati
 draft today -
 Greenville Express
 yesterday
 Sincerely
 Frank Smully

Express quietly to
 John Hunter & his
 Anna are expected
 before we see them
 and three sisters
 and their children

My dear
 Mr. Pitt
 I have
 been thinking
 and trying to
 find a way
 for

May 13th 4

Chas. T. Hughes Esq
of Morgan & Hauel
Post Office
N.Y.

Dear Sir

As requested in your
favor 11th inst. beg to enclose Estimated
profits of Roundhub capitalized at \$50,000 -
your Estimate "129" B which trust will
be satisfactory

Very Resp.

T. A. Edison
Const. Dept.

May 17/4

Jas. C. Upham Esq^r
N.B. Telephone Tels. Co
Worcester Mass

My Dear Upham:

I have your letter
of the 5th. I expect if they
put the Worcester Company
through to go on again
when I shall have more time.

There were but few "baby"
lamps made and they are all
gone. We expect soon to make
some more when I will
send you one
yours very truly
T A Edison

May 14 11

J. G. Zachry Eng^r
Jesse Hammond Zachry & Hammond
Atlanta Ga

Dear Sir:

Enclosed we beg to hand
you our estimate of \$68,000 for
the installation of an Edison Inc
Light Central Station plants of
1600 lamps capacity, supplied
through underground conductors,
the said estimate amounting
to \$44,970¹⁸/₁₀₀.

We also send you

a chart of the district
showing the proposed
Course of the Conductors, which
is the same as that handed
you the other day with our
bid for overhead lines -

Yours very truly

Thomas H. Brown
By Samuel S. Smith

Wm. W. Cashier

Andonia Brass & Copper Co
at New

You have a note ^{our No 23} of \$3007⁷³
due tomorrow & as I have no
notice of same from any bank
I presume you still hold the
note. I enclosed check for \$3500
on account of same & I shall
be glad to know if you can
hold the note for a few days
as I may not be able to pay
you the balance tomorrow
Please let me hear from
you by return

Yours truly

Samuel

May 14/44

Enford Esq. Pease

Emerson Elm. N.Y.C.

Lawrence Mass

Dear Sir:

Referring to your letter of 29th ult, enclosing a list of items to be credited to the Lawrence Co. we beg to say that the above mentioned five boxes which you note "not recd", were sent to Lawrence Oct 1st and we hold a receipt for them dated Oct 7th 1843.

The two pairs of phosphor lamp glasses, noted like the above, were returned to New York and in

2

their place we substituted
two pairs of rabbit boxes which
cost exactly the same price
as the former.

In place of three dynamo
switches, charged in our
estimate at \$30.00, we suggest
one double dynamo switch
at a cost of \$25.30 and we
therefore make you an
allowance of \$4.70 on this
item.

As you state we shall
have you two pressure
indicators. Here are

3
nearly ready to be sent
and it is hardly worth
while passing a credit for
them through your books
and through ours - unless
of course, you particularly desire
it.

Still for water was returned
and we therefore credit you
apx \$ 20.⁰⁰

250 temporary fixtures
you state 'not received'.

We sent them, and in
conversation today with
Mr. Andrews he informs

us that the pictures were
received and used; we
therefore presume you have
overlooked them.

The two 10 x 12 talley's we
have never received from
you. It might be as well
for you to have the ~~talley's~~
ship the authorities of the
line over which you shipped
and when we receive them
we will give you credit
for them.

We allow repairs on

5

$n/2 \times 13$ Engine $\times 12.23$;
 Account on lights not
 installed in Station $\times 50$;
 Damage caused by digging
 trench for mains $\times 10$;

We do not know the
 amt. you desire to charge
 us for the 4" iron pipe
 and lag etc. Rich, nor
 do you state quantity and
 price of fine brick shipped
 of in same manner.
 Kindly give us this

6

information and we will
make proper credits to
your ac.

We allow you \$ 87⁰⁰ on
"S" dynamo, making with
\$ 725⁰⁰; also allow you
\$ 39⁴⁸ on charge for main
to City Hall.

These credits aggregate
\$ 263⁴⁸ and we enclose
Co bill together with
statement of your ~~of~~ what
later show a balance

7

in any favor of \$ 2154⁶⁶.

In relation to the lifting
bridge we spoke to Mr. Lawrence
this morning, telling him he
had charged us with such
an instrument in connection
with his Lawrence bills, and
that it had not been supplied.

He stated that he personally
knew the bridge was in
Lawrence. Will you very kind
have this looked into further
and if you shall fail to find
the bridge we will credit you.

8

Will you, upon receipt of
this, be kind enough to
send us a check for
\$1800⁰⁰ on a/c - This will
leave \$354⁶⁶ in your hands
which amount will cover
any of the adjustments we
may yet have to make.

We are anxious to receive
this money early and will
be very much obliged
if you will comply with
our request.

Yours faithfully
Thomas A. Edison

May 14th H

Henry Bentley Esq. Presdt
Local Tele. Compy
Philada. Pa

Dear Sir: Permit me to introduce
to you Mr. W. T. Andrews, our
chief Electrical Engineer, who
goes to Philada. to attend to
the installation of your dynamos
and electrical apparatus.

Yours very truly

Thos. A. Edison

W. N. Steward Esq.
Santiago Chile

May 15 4

Dear Sir

We forward by City
of Para. box containing, 50 Isolated Co's
Catalogues, 50 Central Station System
(Hastings) 25 Bulletins #21. 1 Each
Elects, Dynamos, Lamp & socket & safety
catch also 2 blue prints of arrangements
of Central Station 500 lights. all of
which trust will come safely to hand.
The twenty five Canvas books will
be forwarded by next steamer as
they could not be finished in time
for this. Very Respy J. A. Edison
No charge.

May 15/4

W H Dwellip Esq Treas
 Edison Acc. Dept
 Fall River Mass

Sir: We again beg to call
 your attention to the amount
 still due upon our Fall
 River contract, and enclosed
 hand you statement showing
 such balance to be \$2287³⁴/₁₀₀
 As you have not yet
 been furnished with feeder
 equalizers, we deduct
 from this amt. \$690⁰⁰/₁₀₀

and will charge for the
equalizers when we send
them, and the balance
you actually owe us is
\$ 1597 ³⁴/₁₀₀.

We would remind you
of the fact that the Fall
River Station commenced
supplying light on Dec 18/53
and thirty days after
that date, Jan'y 17th, all
payments in connection with
your installation matured.

The payment, before mentioned,
is therefore four months
overdue and as we are
not financially in a position
to carry such a large debit
on our books for such a
time, after maturity, we
must urge upon you the
necessity of making an
immediate settlement and
shall be obliged to you
if you will send us

upon receipt of this letter
a check to balance your
account.

Yours truly

Thos Edison

May 15/4

W^m Schwenk Esq. Presdt.
 Edison Elec. Ill. Co.
 Mt. Carmel Pa.

Sir:

Enclosed we beg to
 hand you statement of your $\frac{1}{2}$
 to date showing a balance
 in our favor of \$5658⁴⁸/₁₀₀.

We would call your
 attention to the fact that the
 Mount Carmel station was
 started on Jan'y 22nd last
 and that all payments
 due us by you matured

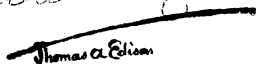
on Feb. 21st - thirty days
after the Station commenced
supplying light.

The amount of our statement
~~annexed~~ has therefore been
overdue about three months.
All our bills in connection
with the installation of
the Mt. Carmel plant have
matured and we have
been obliged ~~to~~ to meet
the greater portion of
them out of funds derived
from other sources.

As we are not in a position
financially to carry such
a large debit on our
books, and as we have
been and are now being
seriously embarrassed
for want of this money,
we must urge strongly
upon you the necessity
of making an immediate
settlement of your account
and we shall therefore
be obliged to you if

You will send us, upon
receipt of this letter, a
check to balance the
amount as per our
statement herewith -

Yours truly,


Thomas A. Edison

May 15th 11

M. B. Belknap, Esq. Treas
Edison Elec. Light Co.
Newburgh, N. Y.

Dear Sir: We beg to call your
attention to your letter of 12th
inst. in which you specify a
number of credits in connection
with our Newburgh Contract.

We send you credit bill
for the following:

| | |
|---------------------------|-------------------|
| Minute Glass | a 75 [¢] |
| 5 New cheap 4 Dist. Lamps | 28.75 |
| One bag for water | 1.50 |
| Office Furniture | 86.25 |

One barrel of pickles not supplied \$50.00
 Less cost one Friedman letter furnished \$1.88 \$10.129

We sent the money to the
 extent of \$12⁰⁰; therefore
 Credit you with \$45⁵⁰

In relation to our
 charge for superintendence
 we do not think you should
 ask us for a reduction of
 that amount. Although
 we did not direct the
 erect your station, it
 was necessary for us

to send our Supt. and
Engineers up there and
the sum \$241⁵⁰ will
no more than cover our
expense in this connection.

In the bill annexed
we also give you credit
for \$966⁵⁵, which sum
represents the total of the
amounts charged against
you by the Elec. Tube Co
and billed in error by us.

We regret the Tuke Co
should have made this
mistake.

The credits aggregate
\$ 1230⁴⁹ and the statement
herewith shows a balance
in our favor of \$ 1276²²

Yours truly

Thos. C. Dixon Constable

By Saml. S. Smith

May 14

H. Hestup by Treas
Edison Electric Co
City

Sir: Enclosed please find our
ap against the Edison Elec
Co. for canvassing mapping
re for the month of April
amounting to \$ 1925 ⁹⁰/₁₀₀
Yours truly

Thos A. Edgar, Comptroller
By J. J. Sanderlin

| | | | |
|-----------|----|-------|-------|
| St. Louis | Mo | 20 38 | 20 38 |
| St. Louis | Mo | 20 38 | 20 38 |
| St. Louis | Mo | 18 59 | 18 59 |
| St. Louis | Mo | 18 59 | 18 59 |

May 16th 4
 A. O. Perrier
 East Saginaw

What

Think it is an intelligence
 find out exactly what he wants
 you to testify to and for whom
 & let me know ~~what~~ I
 will advise. This manner
 collect

Thos. A. Ewing

28th / 82

May 16/07

E. B. Hubbard Esq
 Edison New York
 Tiffin N.Y.

Dear Sir:

Enclosed are beg to
 send your statement of your
 to 1st inst. showing a balance
 in our favor of \$2067⁰⁰.

\$500⁰⁰ of this amount is
 due on our contract and the
 balance \$1567⁰⁰ is for
 material supplied under
 your contract. We

would respectfully call your
attention to the fact that the
Tiffin Station commenced
supplying light on Jan'y 3rd
and therefore all payments
for material shipped on or
before July 2nd matured on
the latter date. The greater
portion of your A^c is
therefore more than three
months overdue and we
must ask you to kindly

make an immediate
 settlement with us as we
 are unable to carry the
 debt on our books longer.

We shall expect to
 receive a check from you
 within the next few days
 and in the meantime try to
 remain quiet.

Sincerely,
 J. M. L. L.

J. M. L. L.

May 14

W. H. West Esq Treas
 Union Iron Works
 Washington D.C.

Dear Sir:

Enclosed we beg to
 your statement of your ac-
 to date showing a balance
 in our favor of \$1705⁰⁰.

As this amount is long
 overdue and as we are in
 urgent need of the
 money with the
 balance as to be

as a check in ~~settlement~~
of same upon receipt of
this communication.

Yours truly,
Theodore Tilton

By: Theodore Tilton

Nov 14

Wm. H. L. L. L.
 Two Cases. Rec. No. 6
 Cincinnati

Dear Sirs:
 The Tiffin Company
 are an amount of \$2467.
 \$500⁰⁰ of which applies to
 their contract and the balance
 is for material outside our
 contract. The Tiffin Station
 commenced unloading
 a long time ago and
 is now on the way of the

Contract, and for ~~nothing~~
~~shipped~~ on or before ~~the~~ ~~1st~~ ~~of~~
~~entered~~ with the ~~amount~~
~~of~~ this latter date.

The greater portion of the
 amount they owe ~~us~~
 has therefore been over ~~the~~
 more than three months.

We have today ~~been~~
 a meeting with the
~~the~~ ~~board~~ and ~~in~~
 and ~~the~~ ~~meeting~~

Kindly interest yourself
in this matter and assist
us in obtaining the
money which we urgently
require.

Very truly Yours,

Thomas A. Edison, President

Edison & Co.

May 16/ 88

Thos. P. Belmont Esq
 Newburgh N.Y.

Dear Sir: Please use your best
 endeavors immediately to
 run down the cause of
 that flicker in the lights
 at Newburgh.

We must find out what
 causes such variation and
 stop it Yours truly

Thos. P. Belmont Esq
 By And. J. Mearns

May 17 4

C. L. Stewart
Corner 6th & Vine Sts
Cincinnati, O

Second map Troy
mailed today -
Estimate Monday
H. A. Edison

May 17
Geo. A. Ellis
New Haven, Conn

Two hundred seventeen
ohm lamp, service
over per cent inside
house two percent

Three ed Troy

May 10/4

The Harris Rybees
 Bellefonte Pa

Dear Sir: We have your two favors of
 the 12th & 13th insts.

We very much regret we have
 been unable to start work at
 Bellefonte on this. We have been
 waiting for the delivery of the iron
 and also the foundation cap for
 our engine which being a new
 cap there has been considerable delay
 in getting out. We are promised
 we will get a little which
 should enable us to get it to
 Belmont by about the 27th of

the south and the staying
of river will take a long
short time.

Why don't you
have the folks put up to this
when the mine arrives. all
that will have to be done
will be to erect some.

We are writing to Mr.
Carr by this mail with
relation to the matter and we
shall be glad if you will
consult with him.

For this situation will
be required 267 men & 600

and pins, 370 lag screws
and washers and these
you can obtain from
L. S. Tillotson Co, 5 & 7 Bay
St. City. You should
order from them "Postal
Telegraph Insulators."

We expect our material
will be in Bellefonte in a
very few days to make the
alteration in connection with the
Engine —

Yours truly
J. S. Tillotson
By Samuel T. Smith

May 17/ 4

C. C. Chinock Esq
257 Pearl St
City

Dear Sir:

Mr Edison has
requested me to ask you
what the objections are
to lighting Mallory's premises
which are in your district.

Yours Very Truly

Samuel Insull

May 17th 4

C. J. Greenfield Esq.
 #41 Ann St
 City

Dear Sir:

The telephone line between
 our office and the Mack 10 to is
 out of order. Will you please
 send one of your men to
 repair it and oblige

Yours truly

Wm. J. Lusk

Wm. J. Lusk

May 19th 4

Edward E. Tiers
 Edison Elec. Mfg. Co.
 Lawrence Mass.

Dear Sir: In further reference to
 your letter of 15th inst. we have
 pleasure in enclosing herewith a
 credit bill for \$ 507 ⁵³/₁₀₀ for two
 pairs engine C.A. boxes, 250 Temp.
 Fixtures, allowance on 1/2' dynamo
 and one lifting bridge.

In relation to the price
 we charged you for 1/2' dynamo
 we beg to say, by way of
 explanation that \$ 725 ⁰⁰/₁₀₀ is

22

the price at which the Machine Works bill these dynamos to the Isolated Company, and the conditions are cash upon completion of orders. For instance if the Isolated Co. gives an order for twenty machines they pay for them as they are completed, regardless of their prospects for sale of such machines.

The dynamos we supplied you with we bought on terms as above and in billing them

M 3

to you at the same price as
we paid for them we lose
interest on our money.

We state these facts simply
to give you an intelligent
explanation of the apparent
overcharge.

We beg to apologize
for our error in regard to
temporary fixtures.

We do not quite under-
stand your remark in re
Andrews reversing switch
being charged as a separate

it
item. Such an instrument
was not provided for in our
Contract with you, as its use
was necessitated by an
arrangement of your Station
not anticipated at the time
the Contract was made.

The rabbit boxes are not
a part of the dynamo. We
always make a separate charge
for them.

We await your
advice in regard to 10 x 12
pullers, iron pipe and

#5

I enclose and with the
wish that the foregoing
may be satisfactory to you

We are
Yours very truly

Wesleyan University

By Sandra Snell

May 19th 4

dears Youngman ^{to} Mandeville
 Chagleton Ch

Dear Sir:

We have your statement of
 17th inst. showing balance in
 your favor of \$ 195 ⁹⁷/₁₀₀.

Our Supt., Mr. Rich, informs
 us that his arrangement with
 you in relation to tin roofing
 was for a charge of 8[¢] per ft.
 instead of 8¹/₂[¢] as charged on
 your bill rendered Oct. 31/

This makes a difference of
 \$9¹¹/₁₀₀ in your % - We have

deducted it from your
 statement attached and return
 same to you to have you
 confirm the amount of

\$ 186. $\frac{56}{x}$

Yours Very truly

Thos. S. Brown & Co. Boston Sept
 13, 1864

May 20/4

H. Ward Leonard Esq
Middletown
Ct

Dear Sir:

Mr. Edison considered
very carefully the suggestion
embodied in your letter of
13th inst. and he directs us
to state in reply that he
deems the investment entailed
by such an arrangement,
altogether too heavy.

Yours Very Truly
Thos. Edison Esq. Asst
Mgr. Am. Insull

May 30/4

A. Ward Leonard Esq
 Middletown
Ohio

Dear Sir:

In relation to your
 letter of 13th inst. in regard
 to motors, Mr. Edison is
 not at present prepared to
 deal with such matters.

Yours Very Truly

Thomas Edison Assistant Mgr.

By Sam Lusk

May 21/ 4

A. S. Kiehl Esq
Knoxville
Tenn

Dear Sir: Replying to your
letter 16th inst. we beg to say
that we have carefully
considered the suggestions
you made in regard to
changes in building specification
and we find that it would
be impossible to make a
reduction in present price
of building as quoted to

You in our estimate, of over
Fifty dollars (\$50⁰⁰/₁₀₀).

We have no doubt that
the Knoxville Gentlemen
could arrange with the
Edison Elec. Light Co. to
erect their own Central
Station Building, following
the plans and specifications
furnished by the Light Co.,
and thereby insure themselves
against paying more than
absolute cost for the

structure.

We enclose herewith
an appendix to be annexed
to the building specification
already in your hands.

Yours Very truly

Thomas Edison Consulting Engrs.

B. J.

May 21/ 4

H. A. Clarke Esq
Baltimore
Md.

Dear Sir:

Mr. Hastings requested us a few days ago to prepare an estimate of the cost of a Central Station plant at Cumberland, of larger capacity, than proposed in our estimates at present in your hands, stating that you would prefer a 1600 light installation.

By referring to our chart of Cumberland you will see that we have, in estimate sent herewith, taken in all the good lighting of the City available within a reasonable area. The first class

residences of Cumberland are so far removed from the business portion of the town that the investment entailed by taking them in would be too heavy. You will find we have omitted only third class buildings, and the largest number of lights we can get is 1091; we therefore send you our Estimate No. 52 for the installation of an Edison Electric Light plant of 1100 lamps capacity, and amounting to \$20,198.⁷⁷ makes conductors. We also send an appendix to the Street Main specification you already have, and Chart of new district. There will be no alteration

in the building specification sent
you with our first estimate.

Yours truly

Thomas G. Bailey Const. Dept

By Paul Insull

May 28/4

J. S. Matthews Esq. Pres.
Edison Elec. L. Co.
City

Dear Sir:

Enclosed we beg to hand you
an estimate for the installation of an
Edison Elec. L. Co. Central Station plant
of 1600 lamps maximum capacity,
overhead conductors, and amounting to
\$ 32,022 ⁰⁰/₁₀₀.

We also send you
blue prints of building for Central
Station and district and specifications
of street mains & building.

Yours truly

Thomas Edison Consulting

By Louis Mueller

May 27

Mr. Stuart E. Gray
 Ohio Edison Co. Co.
 Cincinnati O

Sir:

We send you bright map of
 Gray and will forward estimate
 tomorrow.

We have selected for a
 Central Station site a
 lot situated and lying between
 Plum and Market Streets
 about the center of block
 248 and fronting on Canal
 St., as you will see

by reference to that
I am truly
Yours
By Sarah Mally

May 26/4

H. H. H. H. H. H.
City

Dear Sir: In compliance with
 your request we prepared
 an estimate of the cost of
 pole lines, as recently changed,
 in Orange, and find it
 amounts to \$5815⁶³/₁₀₀ as
 against \$14,918⁴⁸/₁₀₀, a difference
 of \$9102⁸⁵/₁₀₀ in favor of
 the former estimate.

Yours truly,
 Thos. H. H. H. H. H.
 Mr. H. H. H. H. H.

May 24/ 4

W
ed
of
the
S
4
b

A. Stuart Esq
Anconmati
C.

Dear Sir:

Enclosed we beg to
hand you our estimate of the
cost of a Central Station
plant at Troy O, of 1600
lamps capacity amounting to
\$ 32,015 $\frac{22}{x}$, overhead conductors.

As you already have
one map we will not
encumber this parcel

#2

with another, but will
 send two more together
 with building plan and
 specification and specification
 of that installation which
 latter we are unable to send
 today -

Very truly Yours
 Thomas Edison
 By Samuel Insull

May 26/4

F. L. Upton Esq^r
laty

Dear Sir: We have made the
change you desired in Orange Estimate
for 1000 lights and following are
the results:-

Underground Mains 6197.35
Overhead Feeders 5815.63 12,012.98

conductors in 1000 light estimate 17,185.80
" as changed 12,012.98
Reduction \$ 5,172.82

Total of 1000 light estimate 35,186.⁵⁴ as first rendered
" " " 30,013.72 " changed now.
" " " \$ 5,172.82 Reduction

Yours truly,
John A. Edison

May 28 4

John T. Perry Esq.
 Bellefonte Pa.
 Dear Sir

In reply to your
 favor 26th inst. beg to state that the
 goods ordered have been attended to.
 In regard to the extension beyond D
 each would state that we have made
 the main of sufficient size to carry
 the 15 lights the basket if extended
 in the same size wire as estimated,
 that is #2.

Very Resp.
 J. H. Edison
 Cincinnati

May 28

4

Henry Batty

Wm. Telegraph
Philad. Pa.

on other leg across the
circuit it will work just
as well. So magnets of
the dynamo had order.
Will be here until about
school tonight. Telegraph which
success did with perfection
so we can fix you up.

O.A. must pass. —

Rush

Perhaps you have deplained
field. If so change up again.
By adding five or six cells
across battery in field circuit
but if wires better in one leg
thats out one leg of magnetic
put resistance back and send

May 28

Admiral
 Aveu 6th Ave St
 Cincinnati O

Learned reports local
 company propose taking
 contract light mill
 at rate equal dollar
 per thousand gal.
 You should stop
 this.

Wm. R. Ewing

May 28 "

Chas. E. Roach
 Plainfield
 N. J.

Come in tomorrow
 morning buy honey

May 3d 4

Wm. B. F. F. F.

Canal Co. Light Station

Washington D.C.

Dear Sir: I feel today

as business is suspended

Can you get along

all right for tonight

Yours truly

Wm. B. F. F.

Enclosed

May 20th x

V. H. D. Welby Jr. Esq.
Treas. E. E. S. Co.
Fall River
Mass.

Dear Sir:

Replying to your letter
I wish we beg to say
we cannot tell what
be the cause of the
trouble with your amateur.
If you will pay the
freight on it to New York
and the freight on a
new one, we will however
exchange it for you.

Shouting your reply please
to Mr. D. Welby Jr. Esq.
Fall River Mass.

May 20th

Mr. L. Tillery Esq
Demarara
British Guiana

Dear Sir: In relation to your
recent esteemed communication in
regard to our estimate for
the supply of material for an
Edison Electric Light plant
of 100 lamps capacity, permit
me to say that since the
date of my former letter
to you I have completed

arrangements with the Edison
Electric Light Company, to
personally exploit their
business in South America
and Mexico.

In anticipation of the
volume of business to be
derived from these sources
I have made large reductions
in the cost of material from
the former estimate I sent
you, and I would respectfully
request your removal of

* 3

the bid annexed hereto, for a plant of 100 lamps 16 C.H. Capacity, amounting to \$ 3100⁰⁰/₁₀₀, a reduction of \$ 1440⁰⁰/₁₀₀ from the estimate now in your hands.

In relation to the Charrington and Sims Engine I would state that I could furnish you with a 15 H.P. Engine built by the New York Safety Steam Power Co. for the sum of \$ 588⁰⁰/₁₀₀. These are

4

vertical engines and rank
very highly in this country.

We enclose herewith a
description of them which
will admit of your judging
for yourself.

If it were unnecessary
for us to furnish you with
power, by your being able
to obtain power on the
premises where we desired
to install the plant, the
first five items in our

#5-
 estimate would of course
 be eliminated, causing a
 reduction of $\$908 \frac{40}{x}$ from
 the amount of our estimate
 and making it $\$2195 \frac{75}{x}$
 instead of $\$3104 \frac{15}{x}$.

Believe me it has been
 my desire to put this
 estimate on as low a basis
 as possible in order to
 interest you in it, and
 I trust that my efforts

#6

will prove successful -

I shall be very pleased
to hear from you again
in relation to the matter
and awaiting your further
communication I beg to

remain Very truly Yours

Thomas A. Edison

May 30th

Mr Ward Leonard Esq
Middletown
O.Dear Sir: I am in receipt of
your letter of 26th inst.Let the draft you
made upon me come
forward.In relation to selling
the light to mills at a
rate equal to \$1⁰⁰ I
do not at all consider
it a sale and policy.

+2

and I have wired the
Starch of Encanto in
relation to it -

Yours truly

Thos. A. Edison

May 30/4

N. B. Eaton Esq Recd
 Carson Mch Co
City

Dear Sir: In reply to your memo
 of 28th inst, I beg to say that
 it would be necessary for the
 Williamsport Co. to pay Mr
 Andrews salary \$35²⁵ per week
 and his allowance \$17⁵⁰ per week
 (together with incidental expenses
 and Railway fares) for such
 time as he might be employed

in connection with the Williamsport installation.

The salary of Mr. Andrews
 Assistant would be \$25⁰⁰
 per week and \$7⁵⁰ allowance
 (together with incidental expenses
 and Rwy. Fares) and if they
 decided to retain his services
 after the completion of the
 installation it would be
 necessary for the Williamsport
 Co. to assume this expense
 permanently —

May 27/77

John P. Rogers Esq

1111 1/2 St. Louis

Dear Sir

I am in agreement with you in changing the
distance between Engineer and Diploma
Centres in Bellefontaine it is necessary
that the Company should be
immediately what these Centres
will be used cannot order letters
until we have exact information
and you cannot be sure without
determining the receipt of
the what the definite Centre
will be established

Yours A. Edmond

Aug 30/ x

John Brown Esq
18 - 74 Bridge St
Brooklyn N.Y.

Sir: We have today received a
Cable from Milan as follows:-
"Ship five hundred meters N. 2
three hundred meters etc &
to be without connections before"
I will send you an official
order for this tomorrow and
advise you next of the receipt
of the Cable order so as not
to delay you in preparing to
execute same truly
Yours A. Edwings

June 2 4

John A. Perry Esq.
Bellevue 2

Dear Sir

The belting as desired
for that station has been ordered in accordance
with your telegram of this date.

A belting was shipped
May 27th but which we find was too short
you will therefore please forward direct to
Wm. Leathel Belting Co. 324 Pearl St. N.Y.
notifying us as to date of shipment.

Very Resp.

T. V. Edison

June 2^d 11W.D. Rich Esq
255 Belknap
City

Dear Sir My leg to inform
you that the letter for Belknap is ordered
with the understanding that the distance
between centre of Engine and dynamo pulleys
is 14-feet - you will kindly bear this in
mind when making the change at that
station.

Very Respy.
T. A. Edison

June 2. 4
 Samuel H. Bailey
 Bellport, Pa.

Mr. Engineer's photo
 from Piquette has received
 answer. -

J. C. H. Cleary

June 11 4
 W. H. Smith & Co
 9 Union Plac City C
 Newark N. J.

Dear Sir, kindly send
 your station electrician
 over to Huntington to
 fix ammeter - quickly
 please reply
 Sincerely,
 J. C. H. Cleary

June 1st 4Frank & others
Exum Bee City &Dumbury the
have telegraphed for
Electrician from
Mammoth to go over
and fix it.
Maud EwingJune 21st 4
Chamington ~~and~~ Lino Co
Providence R.I.do not standard face
ten and half for
fifty six inch ~~width~~
during fully.

Maud Ewing

June 3rd 4John Roach Esq
City

Dear Sir:

Allow me to present to you
Colonel Geo. W. Sherman, who represents
the Edison Argentine Light Co.
and who desires to converse with
you in relation to a Central Station
we are going to install in the City
of Buenos Ayres.

Col. Sherman takes with him
documents explaining the

Enterprise - Very truly Yours

June 3rd 4

W. D. Rich Esq. Sup't
City

Dear Sir: We have a letter from
 Mr. Leonard complaining that
 the pump does not work
 properly, as they have to
 prime it before it will
 elevate the water.

This is a 120 hailer feed
 pump and has to draw
 water 22 ft from a
 driven well and for it
 is hailer against a

*With

presence of 90 lbs steam.

Have you any idea
as to what is the
matter with it?

Yours truly

Wm. Edison
My land truly

Alfred Leonard Esq June 20th,
Middletown
Ohio

Dear Sir: Reverting to your
recent communication in regard
to safety catch leaks for the
Middletown system we beg
to say that we furnished
instructions and leaks for
that portion of the system
which was ducts according
to our determination.

For that part which

#200L

has been changed it
will be necessary for
us to know the maximum
number of lamps that
will be connected to the
mains at any one time.

Kindly give us this
information upon receipt
of it we will forward same.

Very truly yours

W. P. Thompson

June 3/4

*Jas. Carroll Esq Secy
Exchng Office Sep 6*

Belmonte from Reginald
Dear Sir,
In reply to yours of 24th ult. we beg to say that we did not understand our agreement in regard to your extension to include wire to cover a distance of 600 feet beyond the point N. as noted on the Chart of Bellefonte and you tonight under separate cover. If you desire to make this extension you should order from the Stinson Bros Copper Co., 19 Cliff St., New York, 450 lbs. No. 2 B. & S. Copper wire. In addition to this you will require eight or more poles than the number specified in our former communication on same subject. Additional indentations you can take from those we sent to

D. June 4th #

Revere Bergmann & Co
292 Ave. B
City

Dear Sirs: In answer to your
note of current date stating
that meters as per our order no. 7
of May 15th last, would be
finished in about five days,
we desire to inform you
that we have a firm contract
for the installation of the
Cincinnati plant and in accordance
with this contract, which is
dated May 16th last, we

#2

are obliged to have all
appliances ready for service
by the 10th of this month,
under penalty.

In view of the above
circumstances can you
not make extra efforts in
relation to turning out
these meters?

Very respectfully
W. E. Nelson, Engineer
By Samuel G. Hensley

June 57 4

Robt Dyer Esq
Esq

Dear Sir:

I beg to acknowledge
 receipt of your of current
 date enclosing caveat
 Certificate No 109 on
 methods and apparatus
 for separating ores.

Yours truly

W. H. Dyer

June 5th 4
 G. L. Sims Esq. Capt
 Armington Lime Works
 Providence R. I.

Dear Sir: We have your letter of the
 4th and beg to offer you our best
 thanks for the despatch expressed
 in filling our order for the 8th x 10.

We presume you lightened the
 days by slowing down the
 Armington & Sims Engine that
 revolves the universe !!

Yours very truly

Wm. A. Edison

June 5th /
 Charles E. Sears,
 Essex Block Mfg Co
 Lawrence Mass

Dear Sir:

Enclosed please find
 statement of your $\$$ p to
 1st inst showing a balance
 in our favor of $\$$ 647 $\frac{13}{x}$.

Will you kindly send us
 your check for same and
 oblige yours very truly

W. H. Edison

June 10th 4

Thomas P. Bonant Esq
State Manager Office
Edison Electric Co
Williamsport Pa

Dear Sir:

I am in receipt of your letter of 9th inst enclosing a communication from Mr. P. B. Shaw addressed to yourself, which latter sets forth the arrangement Mr. Shaw desires you to make in regard to the payment of your salary by the Ashland Company.

Respecting to your demand

in reference to such conditions
prejudicing your future relations
with Mr. Edison I can give
you full assurance that any
arrangement which will serve
your own interests to the best
advantage will in no manner
affect your relations with Mr.
Edison in the future.

Judging from the present
aspect of affairs I think

It would be as well for
 you to concede to Mr
 Shaw's wishes in the
 matter, and you can
 always depend upon
 receiving from us any
 assistance we can extend
 to you.
 In order to comply
 with certain legal formalities
 in connection with the
 sale of the premises it has

New Brunswick N. S.

1600

4th 4 3rd 3
 3- 3- 3- 3-
 3- 3- 3- 3-

McIntosh

Freeman

3rd section

597 835 832 453
 36 35 35 35
 10 10 10 10
 15 15 15 15
 25 25 25 25
 3- 5- 5- 5-
 15 15 15 15
 25 25 25 25
 6 533 466 400
 61 59 48 44
 1- 1- 1- 1-
 50 50 50 50
 25 25 25 25
 275 275 275 275

97 97 97 97
 308029 910 5583 27-46

200 200

Estimate of Profits
at
New Brunswick, N. J.
16000 lamps @ 1 1/4¢ per Lamp, per hour

| Hours Burning | Security Receipts | Yearly Expenses | Profits | Result for Dividend |
|------------------|-------------------|-----------------|---------|---------------------|
| 11 1/2 | 27,000 | 9240 | 17,760 | 29 3/5 |
| 14 | 24,000 | 8982 | 15,018 | 25 7/100 |
| 3 1/2 | 21,000 | 8664 | 12,336 | 20 46/100 |
| 3 | 18,000 | 8238 | 9762 | 16 37/100 |

June 194 #
 Cambridgeport, Maine
 Providence R.I.

Dear Mary, Can you
 give me a further agree-
 ment by the 15th of June?
 Yours &c. Edward

W. A. Nash, Esq.
 Providence, R.I.

100 June 4

Dear Sir, we learn from the
 Bulletin & other state
 papers & papers they are
 most willing with the
 consent of the
 water system
 will you please
 look into the matter and
 advise me immediately
 please truly

Yours truly
 J. A. Nash

13th Decem 4
 Mr President
 Geo Aaron Geo Switzer Co
 Cincinnati

Reading,
 we have your favor
 of the 11th inst. we have since
 sent checks and authority
 to draw to all parties
 having claims against us
 at Regua, but in as much
 as the total amount
 of our unsettled
 liabilities at Regua
 did not exceed \$1100 we
 are somewhat at a loss
 to understand why your
 Company should withhold

a payment of \$7500 at
 a time when your
 account with us shows
 debit against you of
 nearly \$8000.
 Since yours of 10th
 were written we have
 received your telegram
 stating circumstance has
 been sent

We have no answer
 written your method
 explaining that it is
 impossible for us to get
 evidence of the fact
 that you have
 been wrong

12 June 4

12 June 4
at O. M. Edwards' Bay

My Dear Family
 Please add 4
 shaves to enclosed
 associated Certificate
 for 50 shaves
 & put the 54
 shaves in name
 of Chas. Matthews
 & send to me as
 early as possible
 Yours truly
 Saml. Edwards

President
 Eastern Socy. of
 Sunday

Dear Sir,

I beg to draw
 your attention to my
 inclosed account
 amounting to \$44.68.

Under my arrange-
 ment with your church
 was to be issued to me
 a signature of this
 amount. Will you please
 send on Certificate by post
 & oblige yourself truly
 Yours &c. Saml. Edwards

12th Jan 4

W. L. Garrison Esq.
 Editor Boston Illuminating Co.
 Boston Mass.

Dear Sir,

I daily receive your favor of the 11th inst. which is noted.
 By our mail, I return chart of Boston for your further attention.
 Before proceeding with the Determination, & in order to avoid error
 in a useful manner, I would like to know, if for instance, in block
 between Green & Pleasant Sts, the 56, 50 & remaining lights, on all occasions
 in individual buildings, & if the figures represent the number of lights to
 be burned in covered houses in the immediate vicinity; if such be the
 case, I would request you to divide the lights & place them, each, in
 their respective portions; this to apply as well to all other additional
 lights you have placed on chart.

I notice you have put down for 20 or 30 lights some large
 north Main St. extension; are there now or dwelling there? If the
 latter, do you not consider your estimate too light? A fair day here,
 now in March, would hardly consume that amount of light in
 a regular manner.

I tell it you wish me to calculate estimate to determine if
 should you not wish the tower, & only show sufficient into to carry
 the lights in to have working with a cross (C), it would be well
 perhaps, to take in a few more lights in the heart of the town &
 which might possibly be obtained in the future, & the work up
 from 2000 lights, which could be readily carried by the wind.
 I would then calculate the tower in darkness.

I do not see you show the fact, & which from most
 all means, as they actually run, in all detail, & facts in fact, & so

22

stating the size of the main & section

Upon receipt of the requested information, I will have the
Canton figures up, & forward you very shortly, the data you desire.
Very truly yours,

Wm. H. Wilson

Encl.
2 The Mch.

June 12th 4
 A. Ward Leonard Esq
 Edison Arc Light Co
 Middleton

Dear Sir:

Are you having any
 further trouble with the
 Middleton pump?

We enclose a letter from Mr
 Reid containing his comments
 in relation to the probable
 cause of the trouble.

Very truly yours

J. A. Edison

June 12/14

Mr. Arthur Cox Esq
 • 222 Granite Building
 St Louis
Mo

Dear Sir:

In per request of Mr
 Hastings, we send you under
 separate cover estimate of the cost
 of a Edison Electric Light and
 Heat Plant of 1000 ten c.p.
 lamps capacity, amounting to
 \$ 23,754²⁶ overhead conductors,
 at ~~ground~~ ^{top} plants, ~~top~~.

We also send chart of
 district upon which the red

have designated that portion of
the city that in these
Census it dwellth & wholly
within the limits of this system,
there being 1000 lights in the
district thus marked.

In addition to the above
I send you Plan of building
Building Inspection and
Inspection of Street markets
and a list three papers say
perhaps in the course

Yours truly
Wm. H. R. H. H.

The Ladies

Germania Band

Dear Sir,

Enclosed to appear Sir

note for \$750 dated 11th

we have your

done by the Ohio League for one of 11th reg

Executive Committee. We must & congratulate

of Cincinnati Ohio. I

shall be glad of your prompt in co-operation

will account this fulfilling our

place proceeds to Philadelphia Convention

my ends today

Sincerely

Yours truly

Wm. A. Brown

Wm. A. Brown

Wm. A. Brown

Wm. A. Brown

Wm. A. Brown

Wm. A. Brown

Wm. A. Brown

18th June 4

W. A. Brown

Cincinnati

Ohio

18th Nov 4
 To J. Andrews Esq
 Counsel
 Sir

Dear Sir,
 I have your favor
 of 10th inst & am glad
 you state about making
 the matter clear
 have your attention

Yours truly
 Thos. A. Adams Esq
 Attorney

18th Nov 4
 To J. Adams Esq
 Counsel
 Sir

Dear Sir,
 I am obliged to you
 for the suggestion contained
 in your favor of 12th
 inst. I have said a
 number of things to
 your kind deplorable
 as a well known friend
 than they are worth
 your kind truly

Thos. A. Adams

^{at the}
The Ohio Bureau of the Bureau
Cincinnati Ohio

Dear Sir,

I beg to notify you
that the Cincinnati
Plant does hereby to
supply light and steam
so far as my
portion of the work
is concerned that
fulfilling my Contract
of 16 May 1884

Yours truly
Thos. A. Edison
By Ann David Attorney

enclosures

15th June 4.
 The Ohio Edison Electric Installation Co
 Cincinnati Ohio

Dear Sirs

We have your favour of
 11th inst enclosing 30 of note
 for \$750 being amount of the
 final payment on the Piqua Contract
 for which we are obliged. Please
 find enclosed receipt for same.
 We note what you say about our
 bills at Piqua all of which have
 been paid in cash on short time
 drafts to us authorized. We must
 however confess that we do not
 see why our indebtedness of about
 \$2000 to a few tradesmen at Piqua
 should have delayed payment.

As we have had some difficulty
 in getting the note discounted (on
 account of its being out of town
 paper) we shall esteem it a favour

if you will kindly forward us
as promptly as possible, the second
Circleville payment in New York
Exchange on your Company's order
check. We would also request
payments of our outstanding
material account.

Yours truly,

Thos A Edison Presd

By Samuel

Yours &c. ^{to you} ~~Yours~~ ^{very} truly
 Capt A. F. B.

Dear Sir

Why have you
 not sent that man
 to Newburg? It is very
 tedious & you are
 getting no work done
 disagree

Yours truly

Samuel L. Bell

John J. Brown ^{to you} ~~Yours~~ ^{very} truly
 Bellefonte

Dear Sir

We have found
 the telegram stating that
 there is a shortage
 of 450 ft of wire
 we have ordered
 the wire which will
 be shipped to you
 at the earliest possi-
 ble ^{date} ~~Yours~~ ^{very} truly

Samuel L. Bell

June 13th 4
 J. I. Hastings Esq. June
 Edison Electric Light Co.
 City

Dear Sir:

Enclosed are hereto
 have you statement of exp. against
 your bill for work in connection
 with various towers, as per details
 given, for the month of May's
 and amounting to \$132.22.

^{as per statement}
 We annex a credit memo.
 for \$186.75 on account of et. of
 The same amount to et. et.

Cost of all work and the District.

At the time your Bond
authorizes the payment of our
Bills we had not our bills for
May recorded and were obliged
to approximate the work in Oct. &
for that month.

As our actual expenditure was
only \$18⁰⁰ more than the amt.
paid us, we have charged the
difference to Prd Land and answer you
as follows for further amount

Very truly Yours

Thos. M. Dixon

June 13/4

W. H. Doty Esq. R. H.
 Editor the N. Y. Co.
Manhattan R.

Dear Sir,

Referring to the statement of your office which you left with me yesterday, and which specifies two items — one of \$1098⁸³/₁₀₀ and the other \$45⁰⁰/₁₀₀ for poles not erected, we beg to say that we have searched our records to confirm if possible

Wm

the correctness of the charge.

As a result, we find our letter to you of Oct: 29th containing upon a previous letter we had received from yourself, is the only communication that mentions \$53 fols, and the error embodied in this letter was contracted ^{by us} as explained to you orally.

We would respectfully call your attention to our

letter to you of May 9th 1893
which clearly specifies the poles
required for the Shamokin
installation, the number being

29. As our reference to 153
poles was simply a mis-
construction of one of your
letters; and as our construction
of you above referred to
when the May 9th 1893
is mentioned within it

~~242~~
~~242~~

the correct number of poles;
and as 105 poles were
actually erected, we were
of course short only twenty
four poles on the contract,
and allowance having been
made for such shortage
prior to the preparation of
this statement, we deduct
the amt of items referred to
viz: 1242^{50} . Attached

MS
1000

are send you for acceptance a
bill for material supplied on your
order Jan'y 4th 1864 and annexed
is a statement showing the condition
of acc existing between us at
the present time - a balance in
our favor of \$10.57¹¹/₁₆

Trusting this may be entirely
satisfactory to you we are
Yours truly

Thomas H. Chapman Const. Supt.
By Saml. Russell

June 14th 4

F. I. Hastings Esq
 Green Electric Co
 Little

Dear Sir:

Enclosed we beg
 to send your new determination
 with all explanations relative
 to Cumberland co. prepared
 by us in accordance with
 our instructions from Messrs
 Doubleday and Chase -

Very truly yours

Thos. Ed. Chase

June 20th 11

John D. Henry Esq
Bellevue

Dear Sir: We have your telegram
of this a.m. asking for 1700 ft
of O.K. Copper and a coil of iron
wire. We cannot understand
why you should be short any
wire and wish you would
explain the discrepancy.

Under same cover we send
you a chart of Bellevue
showing the catenewi which

#2

are agreed to make to the present system -

The wire required for this extension is as follows:—

| <u>chains</u> | <u>Practical Size</u> | <u>Single length</u> | <u>Triple length</u> |
|---------------|-----------------------|----------------------|----------------------|
| 3 - E | #6 | 850' | 318 lbs |
| 3 - C | #8 | 550' | 136 " |
| 3 - D | #2 | 1200' | 875 " |
| Feeder 3/ | #6 | 850' | 310 " |

Increase in cts of lamps 206

The lengths as given above are distances between points as located by letters on chart. The weights as noted are for triple lengths.

183

of copper -

Now we have sent you
the following wire:-

| | |
|---------|-----------------------------|
| 630 lbs | ct ^o 6 |
| 892 " | " 2 |
| 186 " | " 8 |
| 120 " | " 2 (as per your telegram.) |

The weight of each size of wire
as sent you is in each
case in excess of the weight
called for by the determination.

Please look carefully into
this matter and locate

#4

the source of error, advising
us as to the results of your
investigations.

Pressure wire has been

Sent you.

Yours truly

W. A. Edison

June 11

Wm Brock Exchange
Care of Mr. St.
Shamokin
Pa

Station
You are in receipt of your
letter of 12th inst and in reply we
begin to state that we will in a few
days be writing in reference to the change
it is proposed to make in the Shamokin
Station and it would be better for
you to await this correspondence
before doing anything about the
Equalizers as the change we mention
may necessitate an entirely different

16th June 44

A. Stuart Esq

Secretary
Chas. Carson Electric Installations

Dear Sir,

Yours of 12th inst. addressed
to me has been received.

If you sell at one cent,
you give the consumer about 3 $\frac{1}{2}$ %
more available light than he would
get from his gas at the same price
& moreover I venture to say that
your bills will be even less than
gas although theoretically they
should be both alike

Yours truly
 Chas. Carson
 J.

Thomas P. Conant Esq June 1st 11
 Chas. Barron Esq
 Ashland Ms.

Dear Sir: We are in receipt of
 your letter of 13th inst, relative
 to Ashland Determinations
 and under separate cover we
 send the two you ask for -
 one with the mains placed
 in the alley and the other
 with conductors running along
 Centre Street.

An electrical determination

is annexed to each chart
giving details of the system
to which it is attached, and
author of these determinations
will supply you with all
the information you require
to order wine, and run it.

When you decide which
system you will adopt you
can advise us and we
will send you a list of
suits suitable necessary
for each system, together

with list of actors.

We have requested Mr. Chas. H. to communicate with you relative to prices of Apparatus and Persons who to send you their Catalogue and Supplements from which you can obtain prices on the Electrical appliances mentioned in your letter under reply.

In regard to wire we believe that at present

46

the ruling price is
 24¢ but upon this subject
 you must confer with
 the Swenson Brass & Copper Co
 79 W 21 Cliff St New York
 Sincerely

Thos MacCallister Esq
 By Saml. S. Inoué

D

Two H. Dynamos 3000.
 " S. 1050.
 " Regulator 110.
 One apt. 13 Engine 1950.
 Two Belts (Wade) 105.50
 Foundation for Washers 62.90
 Laundry switches 100.
 Extras 100.

6875.40

B

Two M. Dynamos etc 2150.
 " Regulator 90.
 (Allman & Engine) 225.

2465.00

4413.40

To H. Beckman Esq
 Edison Elec Works
 Newburgh N.Y.

June 17th 18
 W. H. Brown Esq
 Union Free Sch
 Newburgh N.Y.

Dear Sir: Enclosed we beg
 to send you memo. of cost
 of material necessary for
 the change in your Station
 which of course does not
 include any labor connected
 with such changes.
 The total to which you
 would be indebted to us
 is \$ 24 13. 10, the details
 of which we give -

Very truly yours

Wm. H. Brown Esq
 Wm. H. Brown Esq

June 11^x
 A.D. Cone
 1305 3 Street NW
 Washington D.C.

Mr. Howell will be
 in Washington early
 morning

Thomas Edison

Dear Sir
 I have in receipt
 of your letter of the 16th
 and in return to the one
 which you have written of
 the 18th I am to inform
 you that the same you have
 put into the matter
 of the straight.
 It is not necessary to
 have these sent into
 them it is to it.
 We never saw there

City of Lima

June 16th 1904

Wm. Stewart Esq
Santiago
Chile

Dear Sir

We enclose herewith our estimate of \$151 for the supply of material for an Edison Electric Light Plant of 400 70 W. CP lamps capacity at Vina del Mar Chile amounting to 64195 lbs. and amount to it is estimate for the supply of material for house installations. amounting to \$1026.15 all of which has been compiled in accordance with your correspondence relating to the subject.

We confirmed elsewhere our cable to you of yesterday's date to the effect that the estimate for this place amounts to \$7,500.00 and you of course understood that this amount represented the cost of the plant as you expressed the same

in your recent Communication
that you desired the figures
referred to be exclusive.

If all percentages
We notice that the code
of figures you send us by
letter to convey to you the
costs of Central Station plants
do not run up high enough
to be employed and we are
obliged to have recourse to the
code as expressed in the book
you furnished us with.

We have under preparation at
the present time a number of
model Central Station and
plant estimates and copies of the
we will send you. You will
find that they will greatly
facilitate your work.

In relation to our estimate
for house wiring material
amounting to \$ 1028.45 we
will, as explained to you in
previous letter, allow you
of 25% of the cost. 4 1/2 %
The net is \$ 771.34 and

25% of this amount is \$205 ²³/₁₀₀
and your share is 80% of the
latter sum - \$82.9.

We hope this estimate will
be satisfactory to you and
trust you will meet with
all success in all your
and other affairs of stock.
We will attend to your instructions
in regard to an assistant and
in the meantime be for you
in the meantime be for you

Thos A Edison
J.

P.S. The profits on the Capital the interest
are divided as follows:-
Cost Price (approx) 73.56.18
25% of Cost Price 18.39.
Divided as follows:-

| | |
|-----------|-------------------|
| Light Co | 1024.00 |
| N. Ch. A. | 200.97 |
| N. Ch. C. | 205.95 |
| | <u>\$ 1139.92</u> |

T. A. E.

June 1871
 A. Stuart Dear

Now & Vice Vto

Discontinue a

Contract with them that
 make with illuminating
 lamp. Shall we
 assign to you or
 them

Yours & Lovingly
 Geo. A. Estlin

June 19th 44
Chas. Stuart Esq Secy
Ohio Edison Elec Inst Co
Cincinnati
O.

Dear Sir: In answer to your
recent communication asking us
to make an assignment of
the Middletown plant to the
Ohio Edison Elec. Installation Co.,
we wired you last night
calling your attention to the
fact that our contract for
this plant was made with
the Edison Elec. Mfg Co of
Middletown. We are

or

this morning in receipt of a
telegram from Mr. Altemberg
requesting us to assign the
Chadletown plant to the
Installation Co. -

As much as the Installation
Company were not known
at all in connection with
our contract we cannot
make an assignment to
them - This you will of
course readily understand.
Our Contract with

*3

the Middletown Company states that as soon as all the terms of payment have been complied with the title to the property is vested in the Company.

These terms have been complied with and virtually the title to the property is now in the Edison Electric Mfg Co of Middletown and under these circumstances we cannot execute an

#4
assignment of property
we do not own, to a
Corporation foreign to
any agreement connected
with the installation.

We shall be pleased
to make a formal
assignment to the E. C.
I. Co. of Middletown, and
awaiting your instructions
we are

Very truly yours
Thompson & Greenleaf
Middletown

June 20/4
 Mr. Batchelor Esq
 Churchchill
 104 Gerrard St
City

Dear Sir: Please send two good
 mechanics to the Cable Station,
 257 Pearl St., tomorrow
 (Saturday) morning at eight
 o'clock, to report to the
 Chief Engineer and under his
 supervision to overhaul
 two dynamos and ascertain
 if they are in line with
 the engine. This work

2

to be prepared on account
of the Department -

Very truly yours

Thos. Edison Chief Clerk
My and truly yours

June 29th 11
 Cummings River Co
 to residence R.R.

Engineer it waste of time
 sent man Sharrock -
 Engine got come out -
 Thos. A. Edisons

12/29

1890

Jas. S. Humbird Esq
 Cumberland
Md.

June 21/8

Dear Sir: Referring to your
 telegram of yesterdays date
 relative to Cumberland
 determinations, also to our
 reply stating that they
 were handed Secretary of
 Light Co. on 14th inst. who
 informed us that they
 were sent Mr. McBlair
 Baltimore; also referring

82

to a telegram which we
received last night from
Mr Clarke to the effect
that the documents had
not been received by him;
we beg to say that we
have seen Mr Hastings,
Secy of the Light Co., and he
has handed us a receipt
of the Balto & Annapolis Express Co.
for a package forwarded
to Mr H. A. Clarke Balto
on the 19th instant—

Handwritten in left margin:
 *
 This receipt we have
 sent Mr. Clarke.

Handwritten in left margin:
 We spared no pains
 to have these determinations
 sent quickly according to
 our promise to Messrs
 Doubleday and Clark, and
 we cannot account for the
 delay that elapsed from
 the date of their completion
 and transfer to Mr. Hastings
 to the date of the shipment
 of them to Baltimore.

June 24 12
 J. M. Clark Esq
 Baltimore Md

Dear Sir: On the 14th inst. we
 landed Mr. Hastings the
 Cumberland determinations.
 This morning we landed
 your telegram of last
 night and received the
 annexed receipt.

We do not know the
 cause of five days delay having
 elapsed from the time the
 data was completed, until it

June 23rd / 4
 Mr. Blanche
 Ohio Cycle Co

Belong to my collection
 from the
 present collection
 which is not
 for G. L. Latham

June 24
 A. Stewart, Esq
 Big Spring, Texas Co,
 Texas
 Cincinnati, Ohio

Relied on receiving your
 letter from you this
 morning about Louisville
 and my friends
 not seeing it have been
 compelled to write you

Yours

June 20th &
A. W. W. W. W. W.

(2)

at night, they fire
thunder, rain, hail, snow
and light, five dollars
and twenty five cents
John A. W. W.

36 | 99

June 27th &
Amington W. W. W.
W. W. W. W. W.

W. W. W. W. W.
Central Station W. W. W.

W. W. W. W. W.
W. W. W. W. W.

June 23rd

W. H. Hoffman Esq
 Old Green Elm St to Co
 Hill Corner 6th & Third St
 Cincinnati O

I am a perfectly nominal
 party and will acquiesce
 and depose in Paper
 sent for which I am
 responsible for everything
 done, as done in 1877

is distinct and separate
 matter, my feet has
 been fulfilled and
 payment made
 in the instant -
 they draft must not
 be protested -
 James A. Cairney

#3

written just as received
 from makers. Copy
 bills against me at
 Original not liquidated
 one under agreement
 Every thing that settled
Edmond A. B. B. B.

S. B. Eaton Esq. Trust June 22/4
Edison Electric Light
Co. City

Dear Sir: Referring to the proposition
made to you by Mr. Stewart with
relation to the Santiago Station
I shall be glad if you will bring
the matter before the Board at
their meeting today.

I am willing to do personally
what Mr. Stewart wants your
Company to do provided your
directors will undertake to give
me half of what they receive
in stock or money from the
Santiago Company.

I think it would be a

very serious blow to your
business if the Santraps system
were allowed to stop and if
your Directors are not willing
to take the risk necessary to
save it I would urge them
to allow me to do so, which
I am perfectly willing to
do on the above terms -

Yours truly
Thos. A. Edison

Thomas A. Edison Construction Department Letterbook, LM-020

This letterbook covers the period June-September 1884 and contains correspondence relating both to the Edison Construction Department and to the Edison Machine Works. Some of the letters are by Edison. There is also correspondence by Samuel Insull and Charles Batchelor. Most of Edison's letters are in the hand of Insull, acting as Edison's secretary. Included is correspondence pertaining to the shipment of dynamos and the payment of overdue bills. There are also letters about the payment of rent for the Goerck Street plant of the Edison Machine Works in New York City. The front cover is marked "Construction Dept No 7" and is stamped "T. A. Edison, Construction Dept., 65 Fifth Ave., New York." The spine is labeled "1884" and is stamped "Letters C.D. 7." The book contains 497 numbered pages and an index. Pages 78-497 are blank. Less than 10 percent of the documents have been filmed.

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June 22

A. Stuart Egle
Ohio Edison Elec. Co.
Cincinnati O

Dear Sir: We beg to quote the following
from a letter we have recently received from
Chief Elec. Engineer W. Andrews:—

- I did not quite like to leave Circleville
- whilst there was trouble, although I fully
- realized that neither you or I are
- responsible for anything outside of electric
- matters in station and these things be
- lieve all right from start.
- Pole lines are in good shape but safe
- Catch holders have not yet come to hand

You should ascertain how many
of these are necessary and order them
together with leads from Bergman & Co.

Yours truly
Thos. A. Edison

24 June '53

at New York
to: E. F. Johnson Esq
Essex Cottage etc &
Sutton Mass

Dear Sir,

Referring to your
letter of 10th inst. &
you will at me take
the date as if you
my letter of 10th inst. &
ad. I have the necessary
will send it to you
what is necessary. It is
done in connection
with your suggestions
and I am sure
yours truly
Wm. A. Johnson

E. F. Johnson Esq
Essex Cottage etc &
Sutton Mass

Dear Sir,

I have your letter
about the subject of
the letter & continue the
subject of the letter
to you about the
subject of the letter
in the same place.

I have your letter
about the subject of
the letter & continue the
subject of the letter
to you about the
subject of the letter
in the same place.

Yours truly
Wm. A. Johnson

22 June 4

F. E. Clarke of
Lawrence
Mass

Dear Sir,

Referring to your communication
with Mr. Small if you will please
let me know exactly what power
you want to get out of the motors
you desire, the speed at which you
wish them to run & the work
for which you require them
I will figure them out & let
you have the necessary data

Yours truly
Thos. A. Edison

25th June 4John Roach Esq
City

Dear Sir

I shall be glad if
you give me a few weeks
indulgence on the rent
now due on the Great
St. Works.

My Foreign Customers
are considerably backward
with their remittances,
and as ^{in addition} I have been doing
a great deal of unremunerative
experimental work lately
I have besides a very
large stock of manufactured
goods on hand I am
desirous you should
do me this favour

Yours truly
Thos Edison

July 2nd
Cummington and Linn Co
Providence

R. J.
late raised Philanth
& nurse

3/25

July 3rd
Mr. Thomas A. Elin
Mendocino
N. J.

Everything in Laboratory
for Mass Spect is in small
in shell -
S. Dravally

10/25

July 18th. 1884.

Genl. H. Bliss, Genl.

Chicago, Ills.

Dear Sir:-

Referring to your favor of the 18th. July. I beg to state that the United States Electric Co. have been examining the lamp you refer to for some time. We have properly get hold of some of their lamps, and have given the character of the lamps they make. the last life we have made a set of Marine lamps, set up at sixteen candles, gave us 100 hours of average life.

Very truly yours,

Wm. A. Brown

July 18th. 1884.

Armington & Sims Co.

Providence, R. I.

Dear Sirs:-

We have your favor of the 16th. July, and are glad to hear that the Bellefonte engine is running well at last.

We return you herewith the letter from Haddamtown, which we have read with interest.

Yours truly,

T. A. Edison. Genl. Dept.

By

Lawrence

Enclosure.

July 18th. 1866.

W. H. Dwyer, Jr. Esq. Town,
Fall River, Mass.

Dear Sir:-

We have your favor of the 17th. July, stating that you
have forwarded the engine and blower as requested.

We will make you an allowance of \$600., providing you
will relieve us of the responsibility of putting up a 400 H.P.
stack, in place of the one you now have in your station.

Yours truly,

T. A. Edison Constn. Dept.

By

Wm. Russell

40
July 22nd. 1884.

A. Stuart, Esq. Secty.

Cincinnati, Ohio.

Dear Sir:-

Your favor of the 19th. inst. came duly to hand.

All we desire to do is to get up a settlement of our accounts. If the material is to be returned we want it returned immediately and if it is going to be retained we want it paid for immediately.

It is of course only natural that, if we take a contract to put up a certain thing that anything we do outside of that contract we charge for. This is merely a business arrangement recognized by all, and if we did not permit this course there would be no particular object in a contract being made at all. I do not think that anything that this Department has shipped to Ohio, on these open accounts, has been charged up at outrageous prices. If they have, I should be the first to make a rebate on such outrageous prices. Of course what any one else outside of my own office does, I have nothing whatever to do with.

Dept.

We are closing out the Construction, and it is but natural that we should desire to know just where we stand, and as long as we have a lot of unsettled accounts, it is impossible for us to make any fair statement.

So I shall be very much obliged to you if you will kindly have the various accounts looked into, and the material that is in

As Messrs. 2.

July 24, 1934.

My dear Sir, we shall be very happy to take such and give you
credit for same.

I recognize all that you say about the desirability of
trading with the local stocks of your company, even especially in
the present state of the New York market. If I should see an
opportunity of placing 10,000 of any of your local companies
stock I will advise you. In fact I will start to do some
inquiries immediately, although I am not by any means sanguine
about anything being done at present. It would be well for you
to send me to me some kind of a statement of the working of the
various plants, although I must say that I can gather nothing from
your letter that I would care to place before a would be investor,
with a view to influencing him favorably in connection with the
business.

The point of entirely erroneous impression, if you wish
that we want to grind the four or five plants that you have got
into 1934. We have no such intention at all, and are per-
fectly willing to take back such material as you cannot use,
provided it is in good condition.

I fully agree with you as to the necessity for including
everything that is required to start a plant as well as the
contract of service experience could well be used to this of
the opposite conclusion, and my experience is that it is the
same as yours. The funds that is not yet and is the

A. Stuart, 3.

July 23rd. 1894.

5

first case was that our idea was that the local number should do all this work, and that it would not be needed on to the local company.

With relation to its being necessary to change prices on machinery, my experience of course is more largely connected with dynamos than anything else, and I know that at present it is impossible to reduce the price of them. With relation to Messrs. Bergmann & Co's. material, I cannot understand why it is you complain so much about their prices. I do not know very much about the cost of building such apparatus as he supplies, but I do know that, outside of electric lighting, Mr. Bergmann can get all the work he wants at absolutely his own prices without ever going after it, whereas opposition concerns are all the time trying to compete with him, and strain every nerve to get their orders. These remarks apply to work of an absolute standard character- telegraphic and telephonic work.

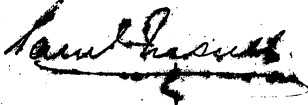
I am very much obliged to you for your letter, as it contains matters of very great interest to myself, and Mr. Elliot also read it with very considerable interest. To me at this moment it is, however, of very little use, inasmuch as I am engaged in the thankless task of clearing out a business, namely, the Construction Dept. As soon as I get this business closed out I shall give my attention to affairs that will bring me very little into contact with the practical operation of our business.

A. Stuart, Jr.

July 28th. 1894.

business in this country. If, however, at any time I can do anything to assist you here in New York, I pray you to command me, as in my experience with you I have always found that mere business troubles have made no difference whatever to your personal relations, and this, unfortunately, is rather the exception than the rule in connection with the electric lighting business.

Very truly yours,

A handwritten signature in dark ink, appearing to read "Saml. Haswell". The signature is written in a cursive style and is underlined with a single horizontal stroke.

July 22nd, 1884.

H. B. Beckman, Esq. Vice Pres.

Newburgh, N. Y.

Dear Sir:-

I have a letter from Mr. Rogers ordering one 14 1/2 x 13 engines and two "H" dynamos. I have requested the Edison Machine Works to supply you with the dynamos and bill them to you direct, and I have also requested the Armstrong & Sims Co. to do the same with relation to their engine, and to bill the engine at the same price at which they would bill it to me. The dynamos will be billed to you at \$1,500. each, free on board New York, and the engine at \$1,950., free on board, Providence.

In order to take advantage of these prices you will have to pay cash for the material, as that is the basis on which the above prices are quoted to me.

It will be necessary for you to have a foundation cast for the 14 1/2 x 13 engine. I have the pattern cast, and if you want it, I will order one and bill it to you at once. I will also supply you, if you like, with the necessary bolts, piping and washers for the foundation, on the same terms. I send you by parcel mail, under separate cover, plans of the foundation for the engine and also plan of the foundation of the dynamos. We do not use a template, but simply build from the plans. If you desire it, however, I do not think that Armstrong & Sims will supply

H. B. Beckman, 2.

July 22nd. 1904.

2

you with a template of the engine.

Very truly yours,



advise
P.S. We would strongly advise your having Armington & Sims's men
start the engine. This is the course ordinarily pursued by the
Edison Company for Isolated Lighting. They pay Armington & Sims
\$50. more than we do, and then Armington & Sims send on a man to
overhaul the engine after it is put up and start it. If this
course is pursued, the Armington & Sims Co. hold themselves re-
sponsible, as we understand it, for the proper running of the
engine. We would suggest that you place yourself in communi-
cation with the Armington & Sims Co. Their address is 540 High
Street, Providence, R. I.

July 22nd. 1884.

Armington & Sigs Co.,

Providence, R. I.

My Sir:-

I have your favor of the 10th. inst.

I think it would be unadvisable to reduce the face of the driving pulleys of the 14" x 13 engine. Our tendency has been to rather increase the face of our armature pulleys than to decrease them, inasmuch as we are more likely to require to take more power out of our machines than to take less.

Very truly yours,

Wm. A. Sigs

48
18
July 22nd, 1884.

H. A. Hubbard, Esq. Secy.

Ciffin, Ohio.

Dear Sir:-

We have your favor of the 18th. inst.

We think that if we were to count the January and February normal breakages at 35 and the March breakages at 40, that this would be a fair average to your Company. It would result in determining an allowance to you of 237 lamps. Please let us know if this will be satisfactory to you.

Yours truly,

T. A. Edison Const. Dept.

By

Samuel D. Merrill

July 22nd, 1884,

Sidney B. Eaton, Esq.

P. O. Box 3302.

Boston, Mass.

Dear Sir:-

Referring to your favor of the 16th. inst., I beg to inform you that I no longer have an engineering force in connection with the Construction Department, as I am closing out that business, and I therefore cannot very well give you the information you desire. I have referred your communication to the Isolated Co.

Very truly yours,

Wm. A. Carson

August 20th. 1884.

Edison Co., for Isolated Lighting,

65 Fifth Avenue, City.

Dear Sirs:-

We shipped you yesterday one 50 light dynamo, No. 61,
with armature No. 63, to the Syracuse Herald, Syracuse, N. Y.,
one 50 light armature, No. 20, with short commutator, to Transfer
Boat "Osborn", Cairo, Ill., one 100 light commutator to the
Conglomerate Mining Co., Delaware Mine, Mich.

Enclosed please find test tickets of all the above.

Yours truly,

Edison Machine Works,

By

Wm. Batchelder

General Manager.

Enclosure.

August 28th, 1884.

J. H. Watt, Esq. Supt.

85 Fifth Avenue, City.

Dear Sir:-

Enclosed please find test tickets of 50 light dynamo,
No. 61, with armature No. 63, sent to the Syracuse Herald, Syracuse,
N.Y., and 50 light armature No. 20 sent to the Transfer Boat "Os-
born", Cairo, Ills. August 27th.

Yours truly,

Edison Machine Works,

By

Chas Batchelor

General Manager.

Enclosure.

Thomas A. Edison Construction Department Letterbook, LM-021

This letterbook covers the period January-August 1884. Most of the correspondence consists of routine form letters acknowledging the receipt of supply and equipment orders. Only four letters -- three by Edison and one by Samuel Insull -- have been filmed. The front cover is marked "Advices Only--" and is stamped "T. A. Edison. Construction Dept., 65 Fifth Ave., New York." The spine is labeled "1884" and is stamped "Advices Letters No. 1." The book contains 499 numbered pages and an index.

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Dec 31 4

Chas. L. Lord Esq Treas
 Edison Electric Co
 Lawrence
 Mass

Dear Sir: During the coming week
 I have some very heavy financial
 engagements to keep and wish
 you would very kindly let me
 have your check for \$4000.
 on a/c if possible by Tuesday.
 Trusting you can oblige
 me
 Law
 Yours respectfully,

Thos. A. Edison

August 6:

at 11:30

John, barometer

Barometer by Saturday morning
reads on our grounds with
him

of about 1 inch

10-40 Road

1892

August 7: 1892

John, barometer

to show 37.0 inches

Will not on the fire body

train

W. C. Edison
A. EDISON
17TH AVE.
N. Y. CITY

Aug 20th 4
 Eugene W. Still
 1795 Brunswick

Dear Sir,
 Regret exceedingly that
 a previous engagement
 prevents my having
 the pleasure of accepting
 your invitation
 Thomas A. Blaney
 D H

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END

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Thomas A Edison Papers

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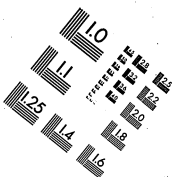
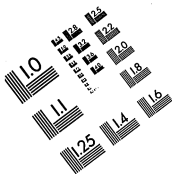
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Centimeter



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